

(1 of 90)

#4

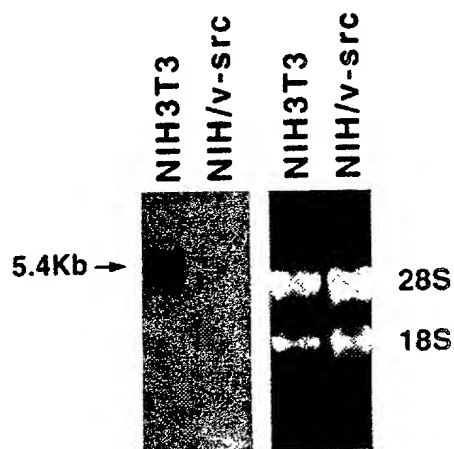


FIG.1

202040" 25420660

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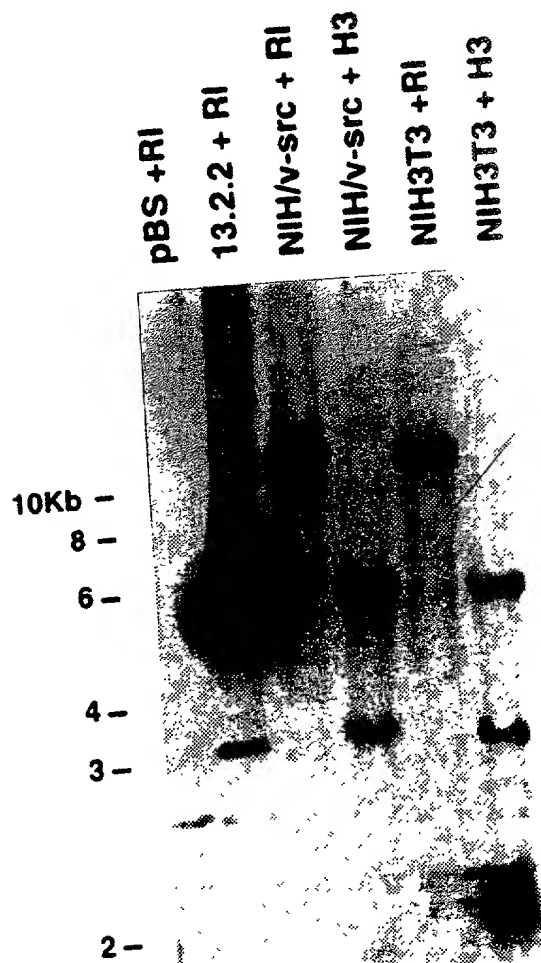


FIG.2A

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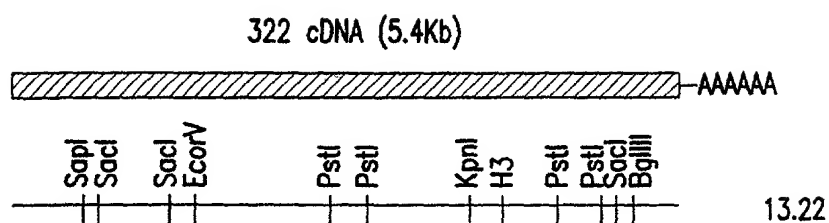


FIG.2B

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	ggaaaagacagagccagcctcggaggagcaggagccggcagaagacacagaccaggccag	60
	gttgtcagcagactacgagaaggtggagctgcctttggaagaccaggttggtgacctgga	120
	ggcatcgtcagaggagaagtgtgctcctttggcaacggaagtgttgatgagaagatgga	180
	M E	2
181	agcccaccaagaagtgtgtgcagaggtccacgtgagcaccgtggagaagacagaggagga	240
3	A H Q E V V A E V E V S T V E K T E E E	22
241	gcaggaggaggaggagaggtgaagggggcgtggtggtagaaggaacaggagaatcctt	300
23	Q G G G G E A E G G V V V E G T G E S L	42
301	gccccctgagaaactggtgagccccaggaggtccccaggaagctgagcctgctgagga	360
43	P P E K L A E P Q E V P Q E A E P A E E	62
361	gctgatgaagagcagagagatgtgtgtctctgaggagaccacactcaactgacagacct	420
63	L M K S R E M C V E G G D H T Q L T D L	82
421	aagtcctgaagagaagacgctgccaaacacccagaaggcattgtcagtgaggtggagat	480
83	S P E E K T L P K H P E G I V S E V E M	102
481	gctgtcctctcaggaaagaatcaaggtagcagggaagtccttgaagaaactcttcagtag	540
103	L S S Q E R I K V Q G S P L K K L F S S	122
541	ctcaggcttaaagaagctgtctgggaagaagcagaaggggaaacgaggaggtgggggaga	600
123	S G L K K L S G K K Q K G K R G G G G D	142
601	cgaagagcctggagaataccaacacattcacaccgaatccccagagagtgtgatgagca	660
143	E E P G E Y Q H I H T E S P E S A D E Q	162

FIG.3A

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203043-04000

661	gaagggagagagctctgcgtcgccccgaggagcctgaggagaccagtgctctggagaa	720
163	K G E S S A S S P E E P E E T T C L E K	182
721	agggccgctggaagcaccagcatggggaagctgaggaggaactacttcgtggagagaa	780
183	G P L E A P R M G K L R K E L L R G E <u>K</u>	202
781	gaagaggaaggatcactccctgggcatccttcaaaaagatggtgacaccaagaacggt	840
203	<u>K R K</u> D H S L G I L Q K D G D T Q E T V	222
841	ccgaagaccttctgagagtgaacaggaggaagagctggagaaggtcaagagcgccacctt	900
223	R R P S E S D K E E E L E K V K S A T L	242
901	gtcctccactgatagcacagtgtcagaaatgaagatgaagtcaaaactgttggtgagga	960
243	S S T D S T V S E M Q D E V K T V G E E	262
961	acaaaagccagaggaaccaaagcgtagggtggatacttcagtgtcttggaagcactgat	1020
263	Q K P E E P K R R V D T S V S W E A L I	282
1021	ttgtgtcggatcatccaagaagagagcaaggaaggcatcctcttcagatataagagggcc	1080
283	C V G S S K <u>K R A R</u> K A S S S D I R G P	302
1081	aaggacactgggagggggacagtcacagagcagaggaggccagcaaagacaaagaagccg	1140
303	R T L <u>G G G Q S Q S R G G</u> Q Q R Q R S R	322
1141	aacagacgctgttcctgccagcaccagcaggagcaggaccaagcgcaaggaagttcctcacc	1200
323	T D A V P A S T Q E Q D Q A Q G S S S P	342
1201	cgagccagcgggaagcccttccgaaggggaaggtgtctccacttgggagtcattttaaag	1260
343	E P A G S P S E G E G V S T W E S F K R	362

FIG.3B

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1261	attagtcactccaagaaaaaatccaagtcaaaactggaagagaagaagccggaaggac	1320
363	L V T P R <u>K K S K</u> S K L E E K E A G R T	382
1321	tctagttgtaggagcaggttgtccactgagatcgaaccgtgtagagaagaatcttgggtt	1380
383	L V V G A G C P L R S N R V E K N L G F	402
1381	tccattaagaaattcatccccggacggcggaagaaaagggcagatgggaaggcaagaaca	1440
403	P L R N S S P D G G R K G Q M G R Q E Q	422
1441	agccactgtggaagactcagggccagtggagataaatgaggacgagcctgatgtcccagc	1500
423	A T V E D S G P V E I N E D E P D V P A	442
1501	agtcgtgcctctgtctgagtatgatgcagtgagagggagaagatggaagcccaggggaa	1560
443	V V P L S E Y D A V E R E K M E A Q G N	462
1561	tgccgagctgccagctgctgggctgtgtagtgccgaggagctcagtaagactctggt	1620
463	A E L P S C W G C V V S E E L S K T L V	482
1621	ccacactgtgagtgctgcagtcattgatgggaccagggcagtcaccagtgctgaagagcg	1680
483	H T V S V A V I D G T R A K T S K E E R	502
1681	gtctccttcgtggatatccgcttccgtaacagaacctcttgaacacacagcgggagaagc	1740
503	S P S W I S A S V T E P L E H T A G E A	522
1741	catgccacctgttgaagaggtcactgaaaaagacatcattgcagaagaaactcctgtgct	1800
523	M P P V E E V T E K D I I A E E T P V L	542
1801	caccagacgttaccagagggtaaagatgcccatgacgacatggtcaccagtgaagtgga	1860
543	T Q T L P E G K D A H D D M V T S E V D	562

FIG.3C

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208070" 22420660

1861	tttcacctcagaagctgtgacagccacagagacctcagaggctctccgtactgaagaagt	1920
563	F T S E A V T A T E T S E A L R T E E V	582
1921	taccgaagcatcggggccgaagagaccacagacatggtgtccgcagtttcccagctgac	1980
583	T E A S G A E E T T D M V S A V S Q L T	602
1981	tgactcccagacaccacagaggaagccacccagttcaggaggtagagggtggtgtgct	2040
603	D S P D T T E E A T P V Q E V E G G V L	622
2041	agatacagaagaagaggagcgccagagcagggccatcctccaagccgttgacacaaggt	2100
623	D T E E E E R Q T Q A I L Q A V A D K V	642
2101	gaaagaggagtcccaggtgcctgcaaccagactgtgcagagaacgggtcaaaagcact	2160
643	K E E S Q V P A T Q T V Q R T G S K A L	662
2161	ggagaaggttgaggaggtagaggaggactccgaagtgcctgcgttcggagaaagagaagga	2220
663	E K V E E V E E D S E V L A S E K E K D	682
2221	cgttatgccgaaaggaccgtgcaggaagctggagctgagcatcttgacagggctctga	2280
683	V M P K G P V Q E A G A E H L A Q G S E	702
2281	gactggacaggctactccagagagccttgaagttcctgaagtcacagcagatgtagacca	2340
703	T G Q A T P E S L E V P E V T A D V D H	722
2341	tgtcgccacgtgccaggttatcaagctccagcagctgatggaacaggccgtggcccctga	2400
723	V A T C Q V I K L Q Q L M E Q A V A P E	742
2401	gtcatccgaaaccttgacagacagtgagacaaatggaagcactcccttagcagattcaga	2460
743	S S E T L T D S E T N G S T R L A D S D	762

FIG.3D

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2461	cactgcagatgggacacagcaagatgaaaccattgacagccaggacagtaaagccactgc	2520
763	T A D G T Q Q D E T I D S Q D S K A T A	782
2521	agctgtcaggcagtcacaggtcacagaagaagaggcggtactgctcagaaagaggagcc	2580
783	A V E Q S Q V T E E E A A T A Q K E E P	802
2581	ttcgacactacctaataatgttccagcccaggaagaacatggggaagaaccaggaagaga	2640
803	S T L P N N V P A Q E E H G E E P G R D	822
2641	tggtcttgaacctacacagcaagagcttgctgctgcagccgtgccgtctggcaaaagac	2700
823	V L E P T Q Q E L A A A A V P V W Q K T	842
2701	tgaggtgggtcaagaggggtgaggttgactggttgatggagaaaaagtcagaagaagaaca	2760
843	E V G Q E G E V D W L D G E K V K E E Q	862
2761	ggaggtgtttgtacactctggacccaacagtcaaaaggctgctgatgtgacatatgacag	2820
863	E V F V H S G P N S Q K A A D V T Y D S	882
2821	tgaagtgatgggagtgccgggtgtcaggaaggagagtagtgaagtgcagagtccttag	2880
883	E V M G V A G C Q E K E S T E V Q S L S	902
2882	cctggaggagggagagatggaaactgacgttgaaaaggagaaaaggagacaaagccaga	2940
903	L E E G E M E T D V E K E K R E T K P E	922
2941	gcaagtgagtgaagaaggtgagcaggaacagccgctcctgagcatgaaaggaactacgg	3000
923	Q V S E E G E Q E T A A P E H E R N Y G	942
3001	gaagccagtcctgacacttgacatgccagctcagagagggggaaggcactgggaagcct	3060
943	K P V L T L D M P S S E R G K A L G S L	962

FIG.3E

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Table 1. Demographic characteristics of the study population	
Age (years)	65.5 ± 1.2
Gender (male/female)	10/10
Education (years)	12.5 ± 0.5
Occupation (white/blue)	10/10
Marital status (married/divorced)	10/10
Smoking status (smoker/nonsmoker)	10/10
Alcohol consumption (yes/no)	10/10
Comorbidities (hypertension/diabetes)	10/10
Medication (antihypertensive/antidiabetic)	10/10
Family history (heart disease/stroke)	10/10
Previous surgery (bypass/stent)	10/10
Current symptoms (chest pain/shortness of breath)	10/10
Physical activity (regular/irregular)	10/10
Dietary habits (healthy/unhealthy)	10/10
Stress levels (low/high)	10/10
Social support (strong/weak)	10/10
Health insurance (private/public)	10/10
Healthcare access (easy/difficult)	10/10
Healthcare costs (affordable/unaffordable)	10/10
Healthcare quality (good/poor)	10/10
Healthcare satisfaction (satisfied/dissatisfied)	10/10
Healthcare utilization (frequent/infrequent)	10/10
Healthcare expenditure (high/low)	10/10
Healthcare coverage (full/partial)	10/10
Healthcare accessibility (convenient/inconvenient)	10/10
Healthcare availability (adequate/inadequate)	10/10
Healthcare effectiveness (high/low)	10/10
Healthcare efficiency (high/low)	10/10
Healthcare equity (high/low)	10/10
Healthcare transparency (high/low)	10/10
Healthcare accountability (high/low)	10/10
Healthcare responsiveness (high/low)	10/10
Healthcare patient-centeredness (high/low)	10/10
Healthcare safety (high/low)	10/10
Healthcare effectiveness (high/low)	10/10
Healthcare efficiency (high/low)	10/10
Healthcare equity (high/low)	10/10
Healthcare transparency (high/low)	10/10
Healthcare accountability (high/low)	10/10
Healthcare responsiveness (high/low)	10/10
Healthcare patient-centeredness (high/low)	10/10
Healthcare safety (high/low)	10/10
Healthcare effectiveness (high/low)	10/10
Healthcare efficiency (high/low)	10/10
Healthcare equity (high/low)	10/10
Healthcare transparency (high/low)	10/10
Healthcare accountability (high/low)	10/10
Healthcare responsiveness (high/low)	10/10
Healthcare patient-centeredness (high/low)	10/10
Healthcare safety (high/low)	10/10
Healthcare effectiveness (high/low)	10/10
Healthcare efficiency (high/low)	10/10
Healthcare equity (high/low)	10/10
Healthcare transparency (high/low)	10/10
Healthcare accountability (high/low)	10/10
Healthcare responsiveness (high/low)	10/10
Healthcare patient-centeredness (high/low)	10/10
Healthcare safety (high/low)	10/10
Healthcare effectiveness (high/low)	10/10
Healthcare efficiency (high/low)	10/10
Healthcare equity (high/low)	10/10
Healthcare transparency (high/low)	10/10
Healthcare accountability (high/low)	10/10
Healthcare responsiveness (high/low)	10/10
Healthcare patient-centeredness (high/low)	10/10
Healthcare safety (high/low)	10/10
Healthcare effectiveness (high/low)	10/10
Healthcare efficiency (high/low)	10/10
Healthcare equity (high/low)	10/10
Healthcare transparency (high/low)	10/10
Healthcare accountability (high/low)	10/10
Healthcare responsiveness (high/low)	10/10
Healthcare patient-centeredness (high/low)	10/10
Healthcare safety (high/low)	10/10
Healthcare effectiveness (high/low)	10/10
Healthcare efficiency (high/low)	10/10
Healthcare equity (high/low)	10/10
Healthcare transparency (high/low)	10/10
Healthcare accountability (high/low)	10/10
Healthcare responsiveness (high/low)	10/10
Healthcare patient-centeredness (high/low)	10/10
Healthcare safety (high/low)	10/10
Healthcare effectiveness (high/low)	10/10
Healthcare efficiency (high/low)	10/10
Healthcare equity (high/low)	10/10
Healthcare transparency (high/low)	10/10
Healthcare accountability (high/low)	10/10
Healthcare responsiveness (high/low)	10/10
Healthcare patient-centeredness (high/low)	10/10
Healthcare safety (high/low)	10/10
Healthcare effectiveness (high/low)	10/10
Healthcare efficiency (high/low)	10/10
Healthcare equity (high/low)	10/10
Healthcare transparency (high/low)	10/10
Healthcare accountability (high/low)	10/10
Healthcare responsiveness (high/low)	10/10
Healthcare patient-centeredness (high/low)	10/10
Healthcare safety (high/low)	10/10
Healthcare effectiveness (high/low)	10/10
Healthcare efficiency (high/low)	10/10
Healthcare equity (high/low)	10/10
Healthcare transparency (high/low)	10/10
Healthcare accountability (high/low)	10/10
Healthcare responsiveness (high/low)	10/10
Healthcare patient-centeredness (high/low)	10/10
Healthcare safety (high/low)	10/10
Healthcare effectiveness (high/low)	10/10
Healthcare efficiency (high/low)	10/10
Healthcare equity (high/low)	10/10
Healthcare transparency (high/low)	10/10
Healthcare accountability (high/low)	10/10
Healthcare responsiveness (high/low)	10/10
Healthcare patient-centeredness (high/low)	10/10
Healthcare safety (high/low)	10/10
Healthcare effectiveness (high/low)	10/10
Healthcare efficiency (high/low)	10/10
Healthcare equity (high/low)	10/10
Healthcare transparency (high/low)	10/10
Healthcare accountability (high/low)	10/10
Healthcare responsiveness (high/low)	10/10
Healthcare patient-centeredness (high/low)	10/10
Healthcare safety (high/low)	10/10
Healthcare effectiveness (high/low)	10/10
Healthcare efficiency (high/low)	10/10
Healthcare equity (high/low)	10/10
Healthcare transparency (high/low)	10/10
Healthcare accountability (high/low)	10/10
Healthcare responsiveness (high/low)	10/10
Healthcare patient-centeredness (high/low)	10/10
Healthcare safety (high	

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المجلد 10، العدد 1، 2013

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3661	ctggacaaaaatgaaagttgccaagatgaaacacccagtgccgcagcccagagaggactt	3720
1163	W T K M K V A K M K H P V P Q P R E D L	1182
3721	gcaagtcctgaccgttctggaggcatggctcagctcggaatgcttgccgcgcttgagct	3780
1183	Q V L T V L E A W L S S E M L A A L A V	1202
3781	tgaagcgccggtgtcaaagtaagcattgagaagctgcctcctcaacccaaagatcaaaa	3840
1203	E S A G V K V S I E K L P P Q P K D Q K	1222
3841	ggagcatgctgctgatggccctcagctccaaagcttagcccaggcagaggcagtgctg	3900
1223	E H A A D G P Q L Q S L A Q A E A V S G	1242
3901	aaacctaaccaagaatccccagacaccaacggaccaaagctaaccgaggagcgatgccc	3960
1243	N L T K E S P D T N G P K L T E E R C P	1262
3961	ccaaaagttgaggtccaggaagaagaatgtctaccaagtcagtcagaagaacaaggcc	4020
1263	Q K L R S R K K K C L P S Q S K R T R P	1282
4021	caggcagaagaggacctgcaggagccaaagggagacctggcagaatcctaagatgttagt	4080
1283	R Q K R T C R S Q R E T W Q N P K M L V	1302
4081	tgctcattgtacatctgtaagaccagaatgtgaaaacaagtcacagaacaagatgctgct	4140
1303	A H C T S V R P E C E N K S Q N K M L L	1322
4141	gttgggaccttggaaccaagatttcagagcccatgagatccagagagcagggccgtccaat	4200
1323	L G P W T K I S E P M R S R E Q G R P M	1342
4201	gatttccacccagtagagcaccgccacaattctgaggcttcacgaggagctagagccagc	4260
1343	I S T Q *	1346

FIG.3G

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4261	taacatttcctcgtttcaagactgcctttgattgccccttgatgccgtccgtgtatttc	4320
4321	ggatttaaggctcctgcgttctcaacctggaaccaattctgccatacctagtccacttct	4380
4381	caaaactggagcatcctcctttatgtatttatatgtatgttttatgtagtcctcctcctgt	4440
4441	acctattgtatatttttttctaacgtttaagcacatgctttttgtattatgcaatatata	4500
4501	acgggtgtgcagccatagcgacgctttgaaaagctccaagcctcaactgtaacctgcagc	4560
4561	aaacagataacattcctggcaagaagagacaagtcttttttaaagtttactgatgcttag	4620
4621	atctgtgggcttctagtctctgaaagtgggtgttttcctatgcacagcgagctcagaaa	4680
4681	<u>taaa</u> aaccccatTTTgaaacatccaggatgtcccaatattaccatgatttttccccct	4720
4721	tttgctaattccagtcagggttggaagaagtctcctctgtgtcagattaagccctgtct	4780
4781	cttaatgatatggacaaatgagtggtgcctaaggccatgagatgttcctaatagcagaagg	4840
4741	aatctgttgtagcttttttgattgtactcttctatgctggaccgaattcatatgcagat	4900
4901	cgaagtgagtcctgttctttacagatggatTTTgatagatactggagtttgtctgtgtt	4960
4961	atatctgtgcccttctTTaagaacaatgttgacattatgttcctttggataaattgtgat	5020
5021	ttgacaactgatttta <u>ataa</u> acatatttgactac(A).	

FIG.3H

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203070" 2E420650

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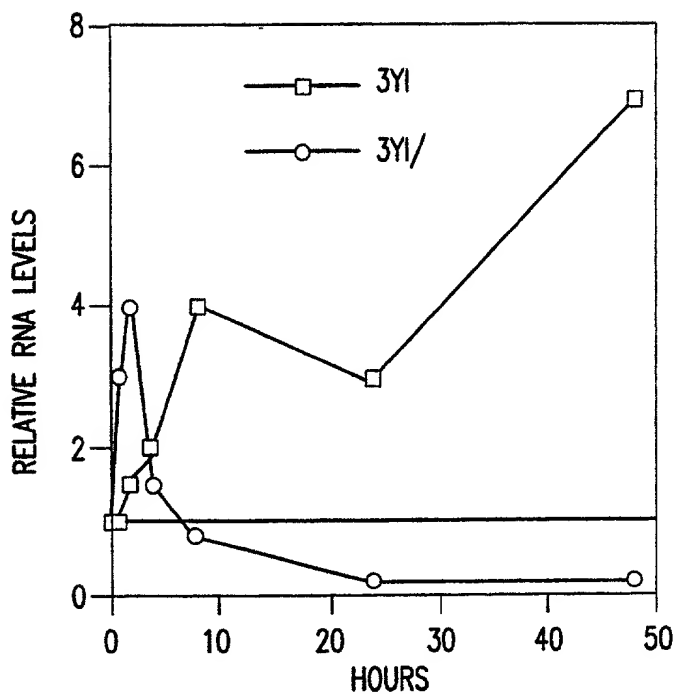


FIG.4A

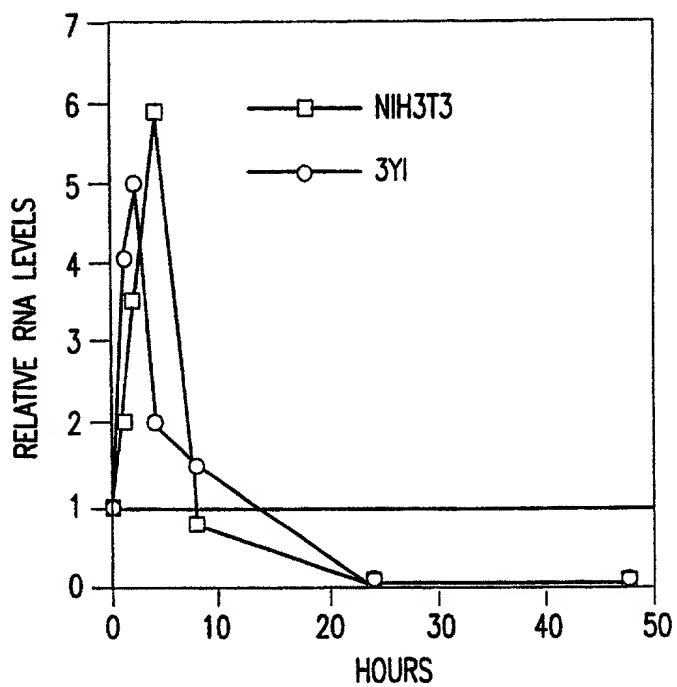


FIG.4B

202070" 2E+20660

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rat-6/mos
rat-6/src
rat-6/myc
rat-6/neu
rat-6/ras
rat-6/raf-1
rat-6



FIG.5

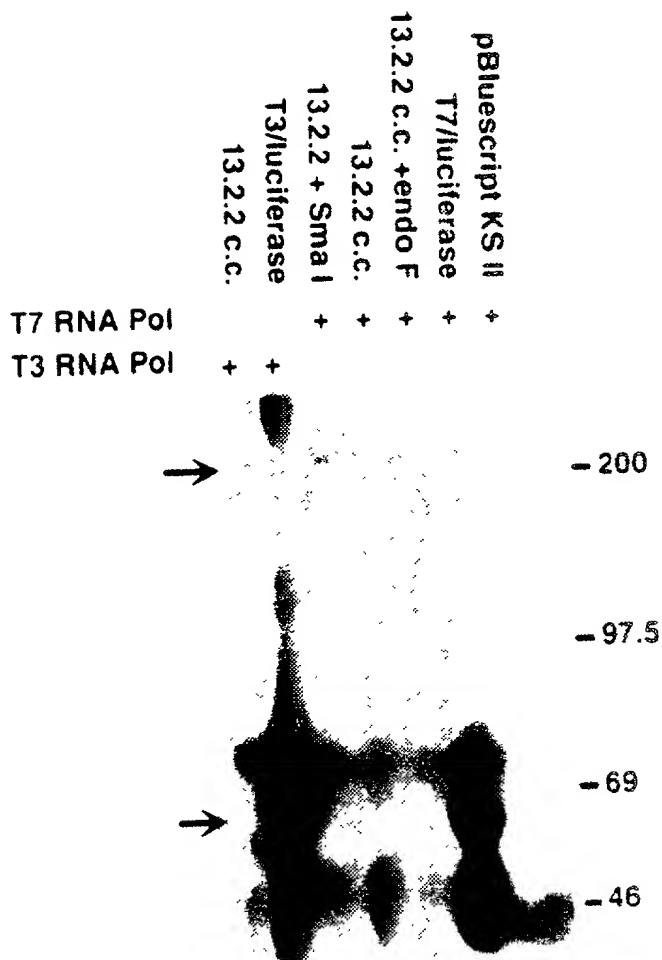


FIG.6

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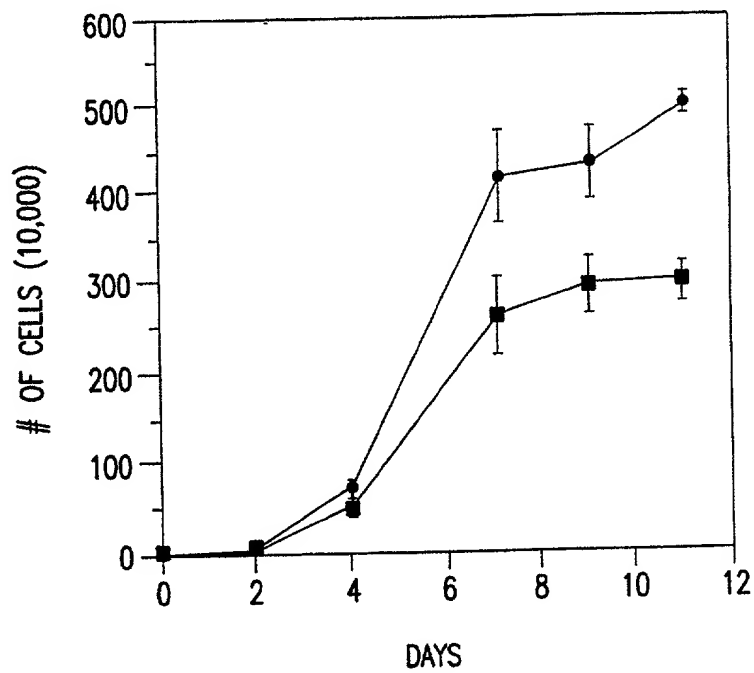


FIG.7A

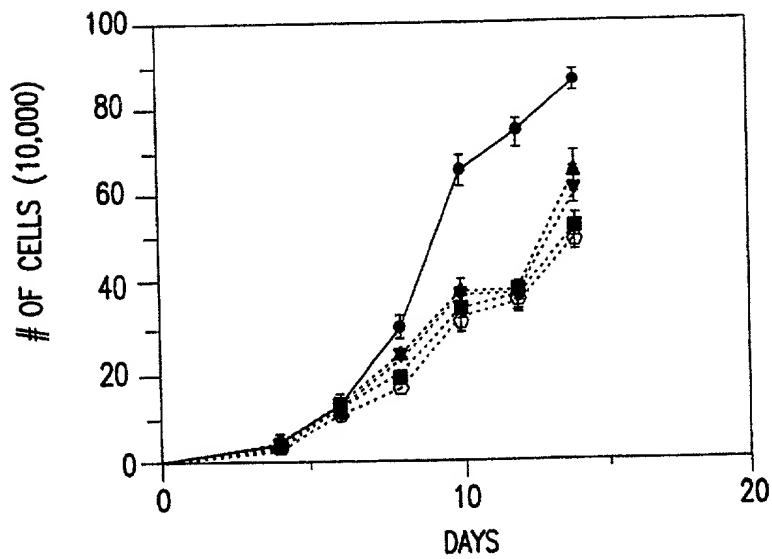


FIG.7B

20230410 22:42:06

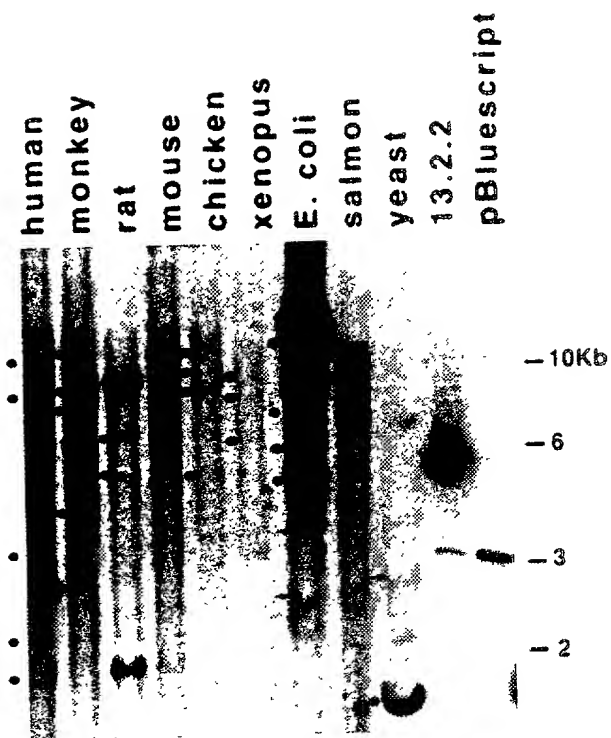


FIG.8

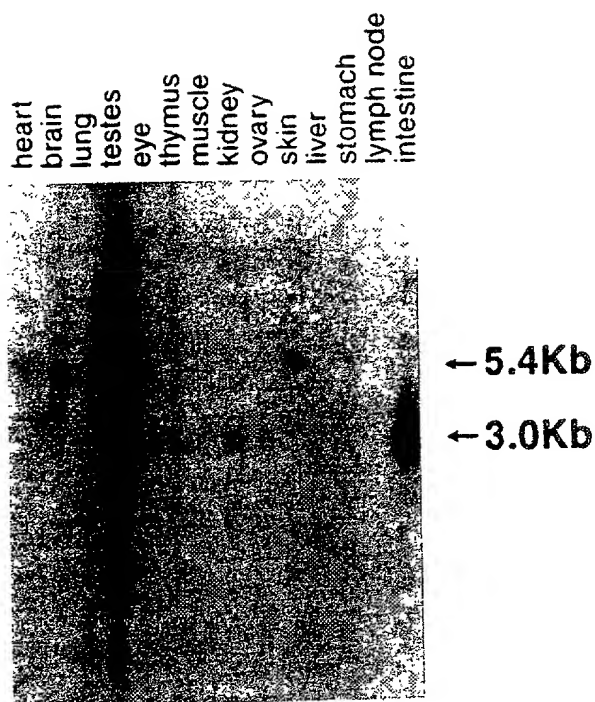
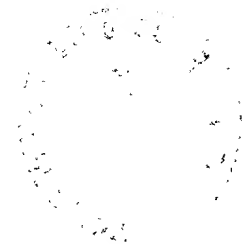


FIG.9

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5' ATG GGC GCA GGC AGT TCC ACC GAG CAG CGG AGC CCC GAG CAG CCG GCG GGG AGC

M G A G S S T E Q R S P E Q P A G S

GAC ACG CCG AGC GAG CTG GTG CTC AGT GGC CAT GGG CCC GCA GCT GAA GCC TCG

D T P S E L V L S G H G P A A E A S

GGA GCA GCT GGA GAC CCC GCC GAC GCG GAC CCC GCC ACC AAG CTC CCA CAG AAG

G A A G D P A D A D P A T K L P Q K

AAT GGC CAG CTG TCT TCT GTC AAC GGC GTA GCT GAA CAA GGA GAT GTC CAT GTC

N G Q L S S V N G V A E Q G D V H V

CAA GAG GAA AAC CAG GAG GGG CAG GAG GAA GAA GTC GTT GAT GAG GAT GTT GGA

Q E E N Q E G Q E E E V V D E D V G

CAG CGA GAG TCA GAA GAT GTG AGA GAA AAA GAC CGA GTT GAA GAA ATG GCG GCC

Q R E S E D V R E K D R V E E M A A

AAC TCC ACA GCT GTT GAA GAT ATC ACA AAG GAT GGG CAG GAG GAG ACA TCA GAA

N S T A V E D I T K D G Q E E T S E

ATA ATT GAA CAG ATC CCT GCT TCA GAA AAC AAT GTG GAA GAA ATG GTA CAG CCT

I I E Q I P A S E N N V E E M V Q P

FIG.11A

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441	450	459	468	477	486
GCT GAG TCC CAG GCT AAT GAT GTT GGC TTC AAG AAA GTA TTT AAA TTT GTT GGT					
A E S Q A N D V G F K K V F K F V G					
495	504	513	522	531	540
TTT AAA TTC ACG GTG AAG AAG GAT AAA AAT GAA AAG TCA GAT ACT GTC CAA CTA					
F K F T V K K D K N E K S D T V Q L					
549	558	567	576	585	594
CTC ACT GTC AAG AAG GAT GAA GGC GAA GGG GCA GAA GCC TCT GTC GGA GCT GGA					
L T V K K D E G E G A E A S V G A G					
603	612	621	630	639	648
GAC CAC CAG GAG CCC AGT GTG GAG ACT GCC GTC GGA GAG TCA GCA TCC AAA GAA					
D H Q E P S V E T A V G E S A S K E					
657	666	675	684	693	702
AGT GAG CTG AAG CAA TCC ACA GAG AAG CAA GAA GGC ACC CTG AAG CAA GAA CAG					
S E L K Q S T E K Q E G T L K Q E Q					
711	720	729	738	747	756
AGC AGC ACA GAA ATC CCC CTT CAA GCC GAA TCT GAT CAA GCG GCT GAG GAA GAA					
S S T E I P L Q A E S D Q A A E E E					
765	774	783	792	801	810
GCC AAA GAT GAA GGA GAA GAA AAA CAA GAG AAA GAG CCC ACC AAG TCC CCA GAA					
A K D E G E E K Q E K E P T K S P E					
819	828	837	846	855	864
TCC CCG AGC AGC CCA GTC AAC AGT GAG ACA ACA TCT TCC TTC AAG AAG TTC TTC					
S P S S P V N S E T T S S F K K F F					

FIG.11B

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873	882	891	900	909	918
ACT CAC GGT TGG GCC GGC TGG CGC AAG AAG ACC AGC TTC AAG AAA TCA AAA GAG					
T H G W A G W R K K T S F K K S K E					
927	936	945	954	963	972
GAT GAT CTG GAA ACT GCC GAG AAG AGA AAG GAG CAA GAG GCA GAA AAA GTA GAC					
D D L E T A E K R K E Q E A E K V D					
981	990	999	1008	1017	1026
GAG GAA GAA AAG GAA AAG ACA GAG CCA GCC TCG GAG GAG CAG GAG CCG GCA GAA					
E E E K E K T E P A S E E Q E P A E					
1035	1044	1053	1062	1071	1080
GAC ACA GAC CAG GCC AGG TTG TCA GCA GAC TAC GAG AAG GTG GAG CTG CCT TTG					
D T D Q A R L S A D Y E K V E L P L					
1089	1098	1107	1116	1125	1134
GAA GAC CAG GTT GGT GAC CTG GAG GCA TCG TCA GAG GAG AAG TGT GCT CCT TTG					
E D Q V G D L E A S S E E K C A P L					
1143	1152	1161	1170	1179	1188
GCA ACG GAA GTG TTT GAT GAG AAG ATG GAA GCC CAC CAA GAA GTT GTT GCA GAG					
A T E V F D E K M E A H Q E V V A E					
1197	1206	1215	1224	1233	1242
GTC CAC GTG AGC ACC GTG GAG AAG ACA GAG GAG GAG CAG GGA GGA GGA GGA GAG					
V H V S T V E K T E E E Q G G G G E					
1251	1260	1269	1278	1287	1296
GCT GAA GGG GGC GTG GTG GTA GAA GGA ACA GGA GAA TCC TTG CCC CCT GAG AAA					
A E G G V V V E G T G E S L P P E K					

FIG.11C

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1305	1314	1323	1332	1341	1350
CTG GCT GAG CCC CAG GAG GTC CCC CAG GAA GCT GAG CCT GCT GAG GAG CTG ATG					
L A E P Q E V P Q E A E P A E E L M					
1359	1368	1377	1386	1395	1404
AAG AGC AGA GAG ATG TGT GTC TCT GGA GGA GAC CAC ACT CAA CTG ACA GAC CTA					
K S R E M C V S G G D H T Q L T D L					
1413	1422	1431	1440	1449	1458
AGT CCT GAA GAG AAG ACG CTG CCC AAA CAC CCA GAA GGC ATT GTC AGT GAG GTG					
S P E E K T L P K H P E G I V S E V					
1467	1476	1485	1494	1503	1512
GAG ATG CTG TCC TCT CAG GAA AGA ATC AAG GTA CAG GGA AGT CCC TTG AAG AAA					
E M L S S Q E R I K V Q G S P L K K					
1521	1530	1539	1548	1557	1566
CTC TTC AGT AGC TCA GGC TTA AAG AAG CTG TCT GGG AAG AAG CAG AAG GGG AAA					
L F S S S G L K K L S G K K Q K G K					
1575	1584	1593	1602	1611	1620
CGA GGA GGT GGG GGA GAC GAA GAG CCT GGA GAA TAC CAA CAC ATT CAC ACC GAA					
R G G G G D E E P G E Y Q H I H T E					
1629	1638	1647	1656	1665	1674
TCC CCA GAG AGT GCT GAT GAG CAG AAG GGA GAG AGC TCT GCG TCG TCC CCC GAG					
S P E S A D E Q K G E S S A S S P E					
1683	1692	1701	1710	1719	1728
GAG CCT GAG GAG ACC ACG TGT CTG GAG AAA GGG CCG CTG GAA GCA CCC CAG GAT					
E P E E T T C L E K G P L E A P Q D					

FIG.11D

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1737	1746	1755	1764	1773	1782
GGG GAA GCT GAG	GAA GGA ACT ACT	TCC GAT GGA GAG	AAG AAG AGA GAA	GGG ATC	
G E A E E G	T T S D G E	K K R E	G I		
1791	1800	1809	1818	1827	1836
ACT CCC TGG GCA	TCC TTC AAA AAG	ATG GTG ACA CCC	AAG AAA CGG	GTC CGA	AGA
T P W A S F	K K M V T P	K K R V	R R		
1845	1854	1863	1872	1881	1890
CCT TCT GAG AGT	GAC AAG GAG GAA	GAG CTG GAG AAG	GTC AAG AGC	GCC ACC	TTG
P S F S D K	E E E L E K	V K S A	T L		
1899	1908	1917	1926	1935	1944
TCC TCC ACT GAT	AGC ACA GTG TCA	GAA ATG CAA GAT	GAA GTC AAA	ACT GTT	GGT
S S T D S T	V S E M Q D	E V K T	V G		
1953	1962	1971	1980	1589	1998
GAG GAA CAA AAG	CCA GAG GAA CCA	AAG CGT AGG	GTG GAT ACT	TCA GTG	TCT TGG
E E Q K P E	E P K R R V	D T S V	S W		
2007	2016	2025	2034	2043	2052
GAA GCA CTG ATT	TGT GTC GGA TCA	TCC AAG AAG AGA	GCA AGG AAG	GCA TCC	TCT
E A L I C V	G S S K K R	A R K A	S S		
2061	2070	2079	2088	2097	2106
TCA GAT GAT GAA	GGA GGG CCA AGG	ACA CTG GGA GGG	GAC AGT CAC	AGA GCA	GAG
S D D E G G	P R T L G G	D S H R	A E		
2115	2124	2133	2142	2151	2160
GAG GCC AGC AAA	GAC AAA GAA GCC	GGA ACA GAC GCT	GTT CCT GCC	AGC ACC	CAG
E A S K D K	E A G T D A	V P A S	T Q		

FIG.11E

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2169	2178	2187	2196	2205	2114
GAG CAG GAC CAA GCG CAA GGA AGT TCC TCA CCC GAG CCA GCG GGA AGC CTT TCC					
E Q D Q A Q G S S S P E P A G S P S					
2223	2232	2241	2250	2259	2268
GAA GGG GAA GGT GTC TCC ACT TGG GAG TCA TTT AAA AGA TTA GTC ACT CCA AGA					
E G E G V S T W E S F K R L V T P R					
2277	2286	2295	2304	2313	2322
AAA AAA TCC AAG TCA AAA CTG GAA GAG AAA GCC GAA GAC TCT AGT GTA GAG CAG					
K K S K S K L E E K A E D S S V E Q					
2331	2340	2349	2358	2367	2376
TTG TCC ACT GAG ATC GAA CCG AGT AGA GAA GAA TCT TGG GTT TCC ATT AAG AAA					
L S T E I E P S R E E S W V S I K K					
2385	2394	2403	2412	2421	2430
TTC ATC CCC GGA CCG CGG AAG AAA AGG GCA GAC GGG AAG CAA GAA CAA GCC ACT					
F I P G R R K K R A D G K Q E Q A T					
2439	2448	2457	2466	2475	2484
GTG GAA GAC TCA GGG CCA GTG GAG ATA AAT GAG GAC GAC CCT AAT GTC CCA GCC					
V E D S G P V E I N E D D P N V P A					
2493	2502	2511	2520	2529	2538
GTC GTG CCT CTG TCT GAG TAT AAT GCA GTG GAG AGG GAG AAG ATG GAA GCC CAG					
V V P L S E Y N A V E R E K M E A Q					
2547	2556	2565	2574	2583	2592
GGG AAT ACG GAG CTG CCC CAG CTG CTG GGG GCT GTG TAC GTG TCC GAG GAG CTC					
G N T E L P Q L L G A V Y V S E E L					

FIG.11F

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2601	2610	2619	2628	2637	2646
AGT AAG ACT CTG GTC CAC	ACT GTG AGT GTC GCA GTC	ATT GAT GGG ACC AGG GCA			
-----	-----	-----	-----	-----	-----
S K T L V H T V S V A V I D G T R A					
2655	2664	2673	2682	2691	2700
GTC ACC AGT GTC GAA GAG CGG TCT CCT TCG TGG ATA TCC GCT TCC GTA ACA GAA					
-----	-----	-----	-----	-----	-----
V T S V E E R S P S W I S A S V T E					
2790	2718	2727	2736	2745	2754
CCT CTT GAA CAC ACA GCG GGA GAA GCC ATG CCA CCT GTT GAA GAG GTC ACT GAA					
-----	-----	-----	-----	-----	-----
P L E H T A G E A M P P V E E V T E					
2763	2772	2781	2790	2799	2808
AAA GAC ATC ATT GCA GAA GAA ACT CCT GTG CTC ACC CAG ACG TTA CCA GAG GGT					
-----	-----	-----	-----	-----	-----
K D I I A E E T P V L T Q T L P E G					
2817	2826	2835	2844	2853	2862
AAA GAT GCC CAT GAC GAC ATG GTC ACC AGT GAA GTG GAT TTC ACC TCA GAA GCT					
-----	-----	-----	-----	-----	-----
K D A H D D M V T S E V D F T S E A					
2871	2880	2889	2898	2907	2916
GTG ACA GCC ACA GAG ACC TCA GAG GCT CTC CGT ACT GAA GAA GTT ACC GAA GCA					
-----	-----	-----	-----	-----	-----
V T A T E T S E A L R T E E V T E A					
2925	2934	2943	2952	2961	2970
TCG GGG GCC GAA GAG ACC ACA GAC ATG GTG TCC GCA GTT TCC CAG CTG ACT GAC					
-----	-----	-----	-----	-----	-----
S G A E E T T D M V S A V S Q L T D					
2979	2988	2997	3006	3015	3024
TCC CCA GAC ACC ACA GAG GAA GCC ACC CCA GTT CAG GAG GTA GAG AGT GGT GTG					
-----	-----	-----	-----	-----	-----
S P D T T E E A T P V Q E V E S G V					

FIG.11G

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3033	3042	3051	3060	3069	3078
CTA GAT ACA GAA	GAA GAG GAG	CGC CAG ACG	CAG GCC ATC	CTC CAA GCC	GTT GCA

L	D	T	E	E	E
E	E	R	Q	T	Q
A	I	L	Q	A	V
A					
3087	3096	3105	3114	3123	3132
GAC AAG GTG AAA	GAG GAG TCC	CAG GTG CCT	GCA ACC CAG	ACT GTG CAG	AGA ACG

D	K	V	K	E	E
S	Q	V	P	A	T
Q	T	V	Q	R	T
3141	3150	3159	3168	3177	3186
GGG TCA AAA GCA	CTG GAG AAG	GTT GAG GAG	GTA GAG GAG	GAC TCC GAA	GTG CTG

G	S	K	A	L	E
K	V	E	E	V	E
E	E	D	S	E	V
L					
3195	3204	3213	3222	3231	3240
GCT TCG GAG AAA	GAG AAG GAC	GTT ATG CCG	AAA GGA CCC	GTG CAG GAA	GCT GGA

A	S	E	K	E	K
D	V	M	P	K	G
P	V	Q	E	A	G
3195	3258	3267	3276	3285	3294
GCT GAG CAT CTT	GCA CAG GGC	TCT GAG ACT	GGA CAG GCT	ACT CCA GAG	AGC CTT

A	E	H	L	A	Q
G	S	E	T	G	Q
A	T	P	E	S	L
3303	3312	3321	3330	3339	3348
GAA GTT CCT GAA	GTC ACG GCA	GAT GTA GAC	CAT GTC GCC	ACG TGC CAG	GTT ATC

E	V	P	E	V	T
A	D	V	D	H	V
A	T	C	Q	V	I
3357	3366	3375	3384	3393	3402
AAG CTC CAG CAG	CTG ATG GAA	CAG GCC GTG	GCC CCT GAG	TCA TCC GAA	ACC TTG

K	L	Q	Q	L	M
E	Q	A	V	A	P
E	S	S	E	T	L
3411	3420	3429	3438	3447	3456
ACA GAC AGT GAG	ACA AAT GGA	AGC ACT CCC	TTA GCA GAT	TCA GAC ACT	GCA GAT

T	D	S	E	T	N
G	S	T	P	L	A
D	S	D	T	A	D

FIG.11H

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3465 3474 3483 3492 3501 3510
GGG ACA CAG CAA GAT GAA ACC ATT GAC AGC CAG GAC AGT AAA GCC ACT GCA GCT

G T Q Q D E T I D S Q D S K A T A A

3519 3528 3537 3546 3555 3564
GTC AGG CAG TCA CAG GTC ACA GAA GAA GAG GCG GCT ACT GCT CAG AAA GAG GAG

V R Q S Q V T E E E A A T A Q K E E

3573 3582 3591 3600 3609 3618
CCT TCG ACA CTA CCT AAT AAT GTT CCA GCC CAG GAA GAA CAT GGG GAA GAA CCA

P S T L P N N V P A Q E E H G E E P

3627 3636 3645 3654 3663 3672
GGA AGA GAT GTT CTT GAA CCT ACA CAG CAA GAG CTT ACT GCT GCA GCC GTG CCC

G R D V L E P T Q Q E L T A A A V P

3681 3690 3699 3708 3717 3726
GTT CTG GCA AAG ACT GAG GTG GGT CAA GAG GGT GAG GTT GAC TGG TTG GAT GGA

V L A K T E V G Q E G E V D W L D G

3735 3744 3753 3762 3771 3780
GAA AAA GTC AAA GAA GAA CAG GAG GTG TTT GTA CAC TCT GGA CCC AAC AGT CAA

E K V K E E Q E V F V H S G P N S Q

3789 3798 3807 3816 3825 3834
AAG GCT GCT GAT GTG ACA TAT GAC AGT GAA GTG ATG GGA GTG GCC GGG TGT CAG

K A A D V T Y D S E V M G V A G C Q

3843 3852 3861 3870 3879 3888
GAA AAG GAG AGT ACT GAA GTG CAG AGT CTT AGC CTG GAG GAG GGA GAG ATG GAA

E K E S T E V Q S L S L E E G E M E

FIG.11I

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3897 3906 3915 3924 3933 3942
ACT GAC GTT GAA AAG GAG AAA AGG GAG ACA AAG CCA GAG CAA GTG AGT GAA GAA

T D V E K E K R E T K P E Q V S E E

3951 3960 3969 3978 3987 3996
GGT GAG CAG GAA ACA GCC GCT CCT GAG CAT GAA GGA ACC TAC GGG AAG CCA GTC

G E Q E T A A P E H E G T Y G K P V

4005 4014 4023 4032 4041 4050
CTG ACA CTT GAC ATG CCC AGC TCA GAG AGG GGG AAG GCA CTG GGA AGC CTT GGA

L T L D M P S S E R G K A L G S L G

4059 4068 4077 4086 4095 4104
GGA AGC CCT TCT CTC CCA GAC CAA GAC AAA GCA GGT TGC ATA GAG GTT CAA GTT

G S P S L P D Q D K A G C I E V Q V

4113 4122 4131 4140 4149 4158
CAA AGC CTG GAC ACA ACA GTC ACT CAA ACA GCA GAA GCT GTG GAA AAG GTC ATA

Q S L D T T V T Q T A E A V E K V I

4167 4176 4185 4194 4203 4212
GAA ACG GTT GTG ATT TCA GAG ACA GGT GAA AGT CCA GAG TGT GTA GGT GAC CAC

E T V V I S E T G E S P E C V G A H

4221 4230 4239 4248 4257 4266
TTA TTA CCA GCT GAG AAG TCC TCT GCA ACG GGT GGC CAC TGG ACT CTT CAG CAT

L L P A E K S S A T G G H W T L Q H

4275 4284 4293 4902 4311 4320
GCA GAG GAC ACG GTA CCC CTG GGG CCT GAG TCT CAG GCA GAA TCC ATC CCA ATC

A E D T V P L G P E S Q A E S I P I

FIG.11J

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4329 4338 4347 4356 4365 4374
ATA GTA ACT CCT GCT CCT GAA AGC ACC CTA CAT CCT GAC CTA CAA GGA GAA ATA

I V T P A P E S T L H P D L Q G E I

4383 4392 4401 4410 4419 4428
AGC GCA TCC CAG AGA GAG CGA TCA GAG GAA GAG GAC AAG CCA GAT GCT GGT CCT

S A S Q R E R S E E E D K P D A G P

4437 4446 4455 4464 4473 4482
GAT GCT GAC GGC AAG GAG AGT ACA GCA ATC GAA AAA GTC CTC AAG GCT GAA CCT

D A D G K E S T A I E K V L K A E P

4491 4500 4509 4518 4527 4536
GAG ATC CTG GAA CTT GAG AGT AAG AGC AAC AAG ATT GTG CTG AAC GTC ATT CAG

E I L E L E S K S N K I V L N V I Q

4545 4554 4563 4572 4581 4590
ACA GCC GTT GAC CAG TTC GCA CGT ACA GAA ACA GCC CCC GAA ACT CAT GCT TAT

T A V D Q F A R T E T A P E T H A Y

4599 4608 4617 4626 4635 4644
GAT TCA CAG ACC CAG GTT CCT GCA TGC AGG CTT GAC AGC AGG GAG CCC AAC AGA

D S Q T Q V P A C R L D S R E P N R

4653 4662 4671 4680 4689 4698
TGC TGG ACA AAA ATG AAA GAT GCC AAG ATG AAA CAC CCA GTG CCG CAG CCC AGA

C W T K M K D A K M K H P V P Q P R

4707 4716 4725 4734 4743 4752
GAG GAC TTG CAA GTC CTG ACC GTT CTG GAG GCA TGG GCT CAG CCT CGG AAA TGC

E D L Q V L T V L E A W A Q P R K C

FIG.11K

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4761	4770	4779	4788	4797	4806
TTG CCG CGC	TTG CAG TTG	AAA GCG CCG	GTG TCA AAG	TAA GCA TTG	AGA AGC TGC

L	P	R	L	Q	L
K	A	P	V	S	K

4815	4824	4833	4842	4851	4860
CTC CTC AAC	CCA AAG ATC	CAA AAG GAG	CAT GCT GCT	GAT GGC CCT	CAG CTC CAA

4869	4878	4887	4896	4905	4914
AGC TTA GCC	CAG GCA GAG	GCC AGT GCC	TCT GGA AAC	CTA ACC AAA	GAA TCC CCA

4923	4932	4941	4950	4959	4968
GAC ACC ACC	GGA CCA AAG	CTA ACC GAG	GAG GGC GAT	CCC CCA AAA	GTT CAG GTC

4977	4986	4995	5004	5013	5022
CAG GAA GAA	GAA ATG TCT	ACC AAG TCA	GTC AAA GAG	AAC AAG GCC	CAG GCA GAA

5031	5040	5049	5058	5067	5076
GAG GAC CTG	CAG GAG CCA	AAG GGA GAC	CTG GCA GAA	TCC TCC GAT	GTT AGT TGC

5085	5094	5103	5112	5121	5130
TCA TTG TAC	ATC TGT AAG	ACC AGA ATG	TGA AAA CAA	GTC ACA GAA	CAA GAT GCT

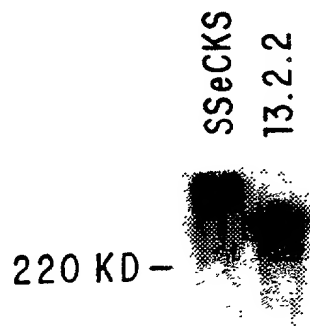
5139	5148	5157	5166	5175	5184
GCT GTT GGG	ACC TTG AGA	CCA AGA TTT	CAG AGC CCA	TGA CAT CCA	GAG AGC AGG

5193					
GCC GTC CAA	TGA TTT	C 3'			

FIG.11L

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97.4 -

FIG.12

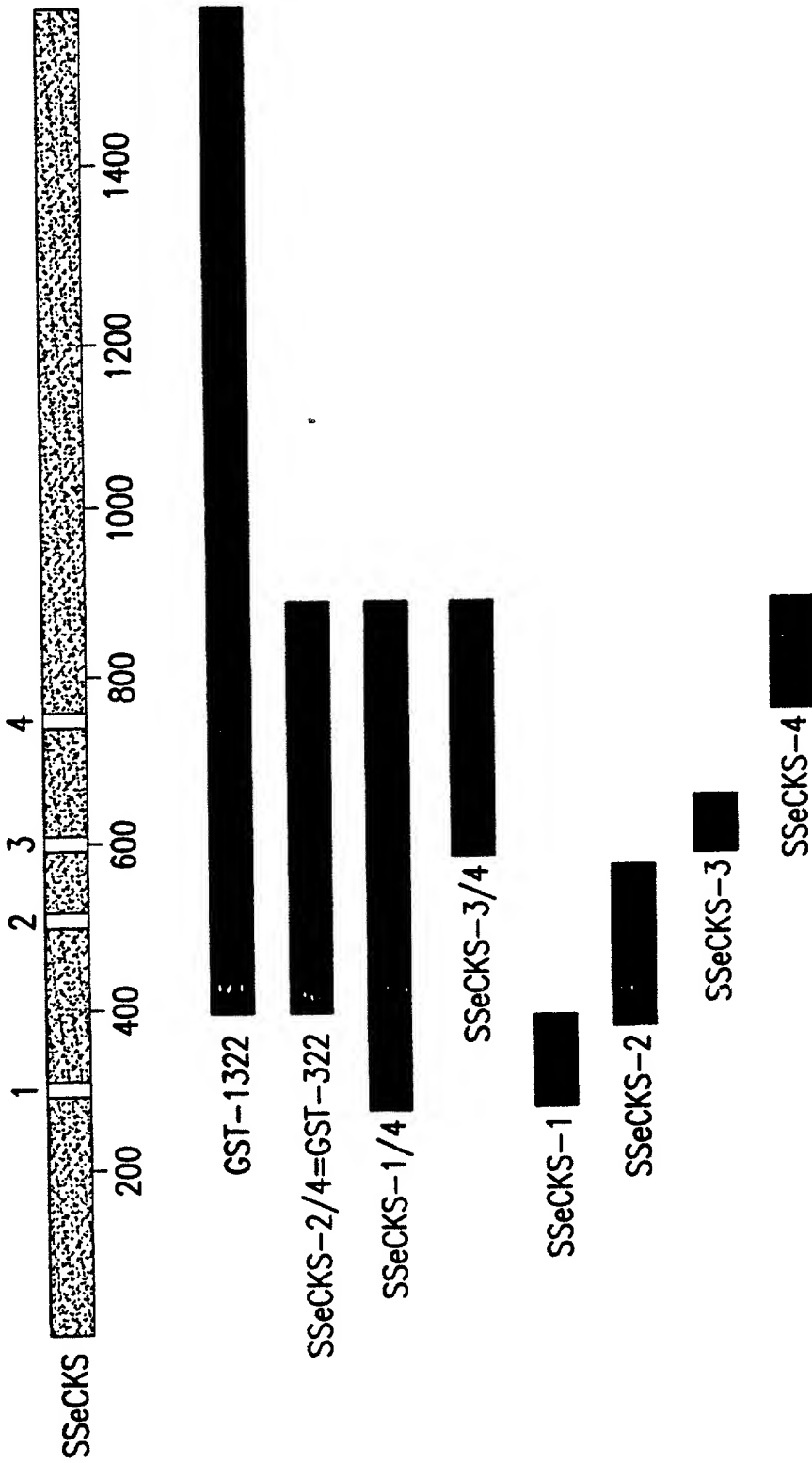


FIG.13A

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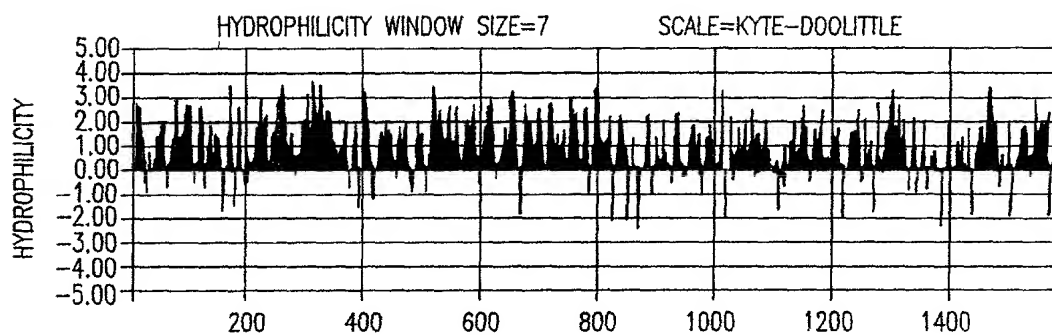


FIG.13B

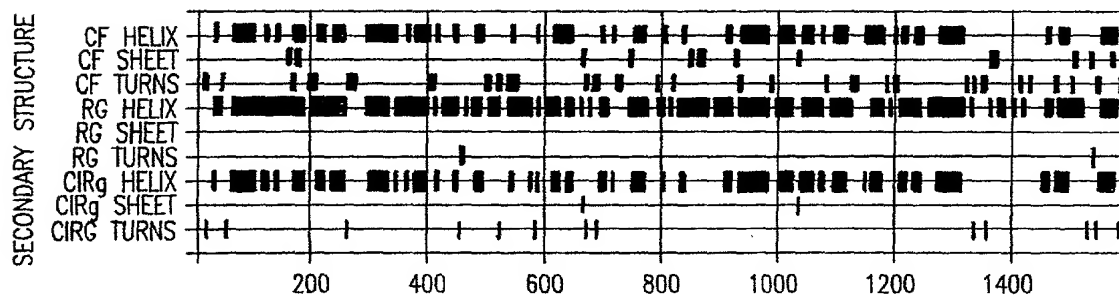


FIG.13C

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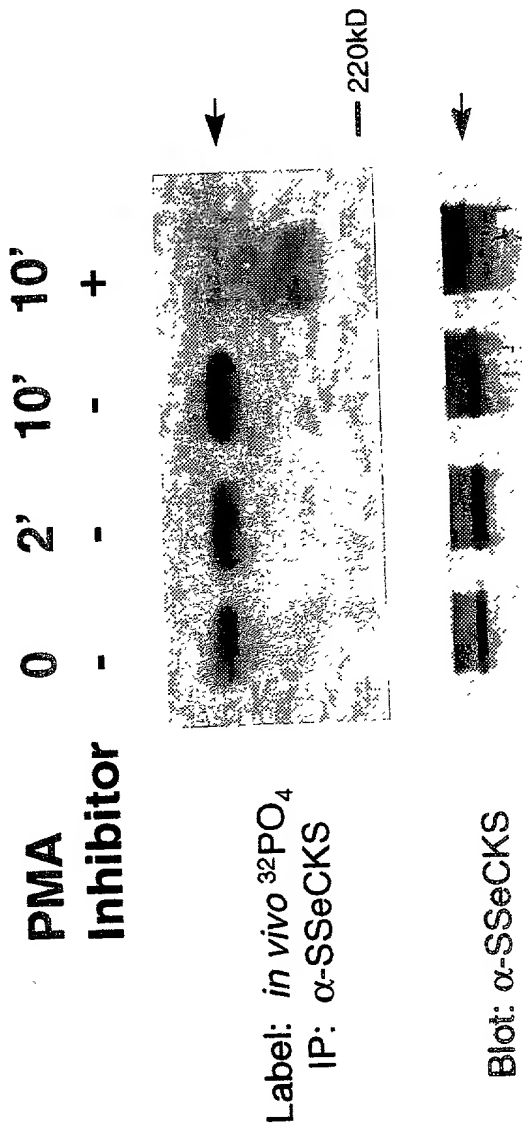


FIG. 14

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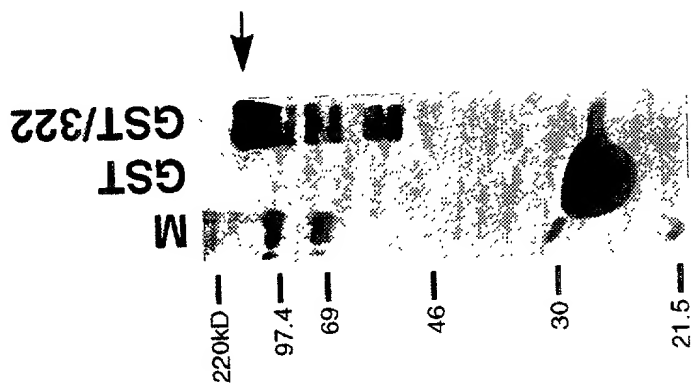


FIG.15A

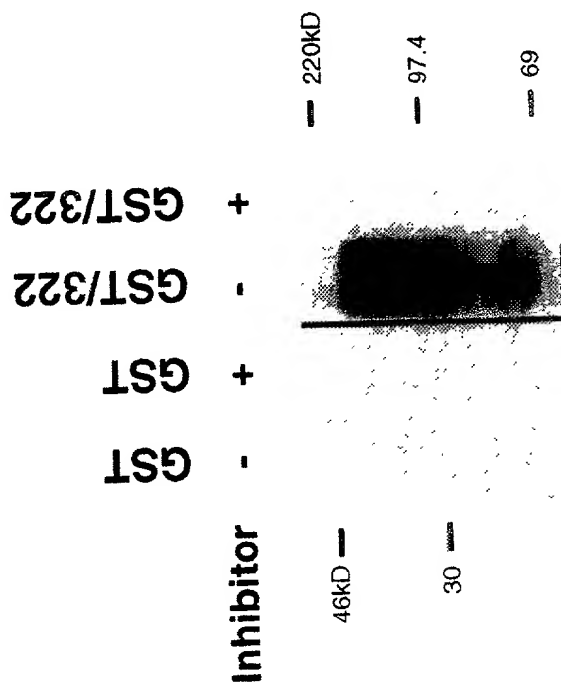


FIG.15B

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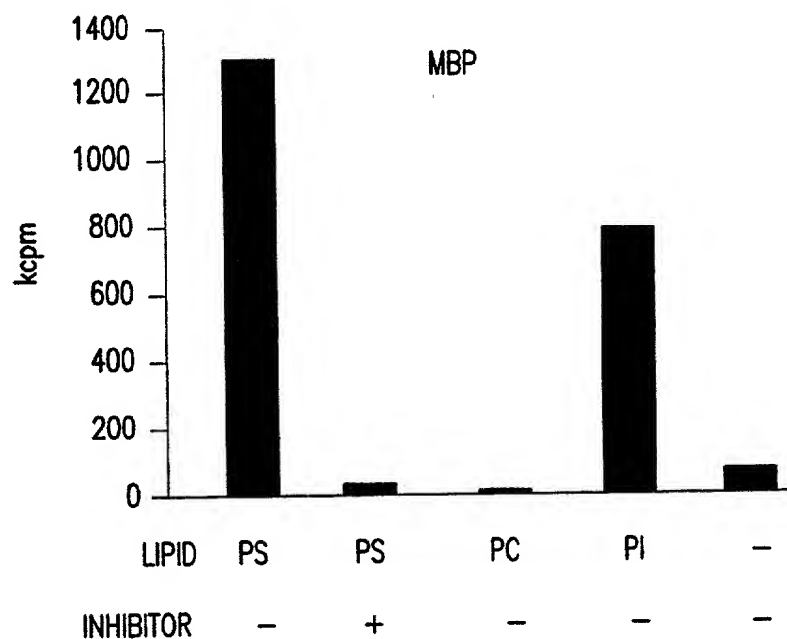


FIG.16A

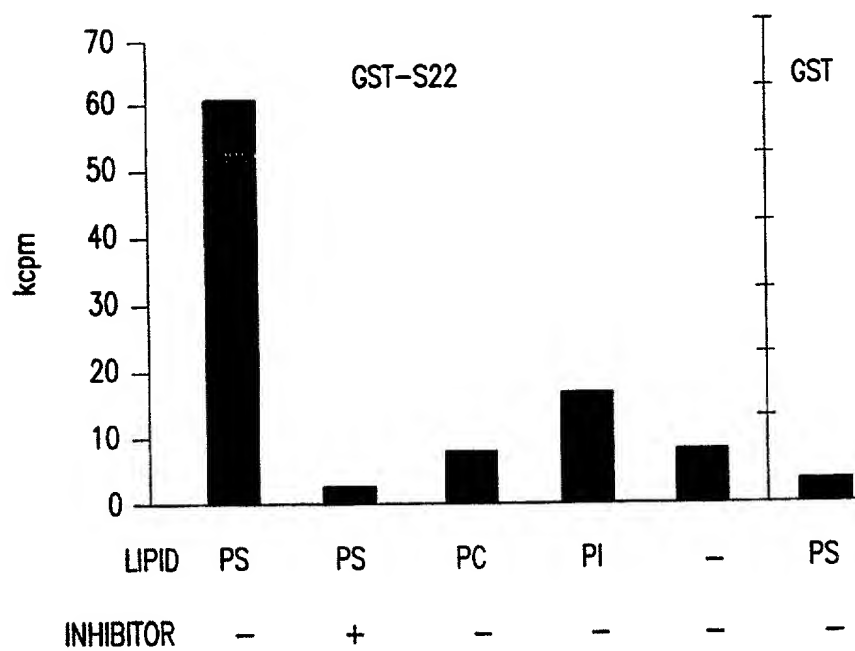


FIG.16B

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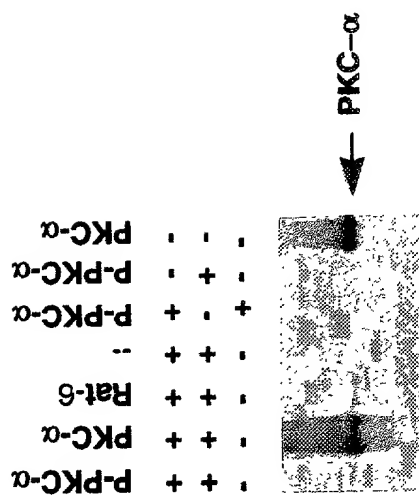


FIG.17B

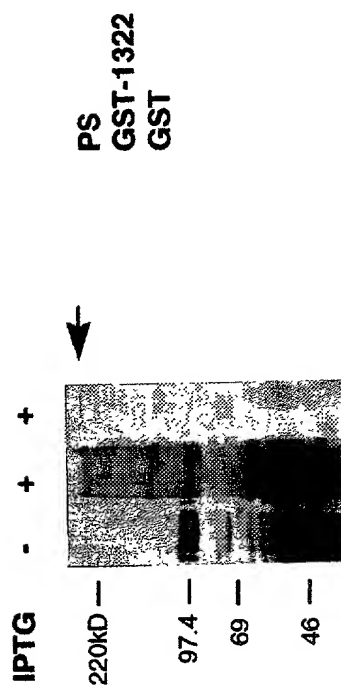


FIG.17A

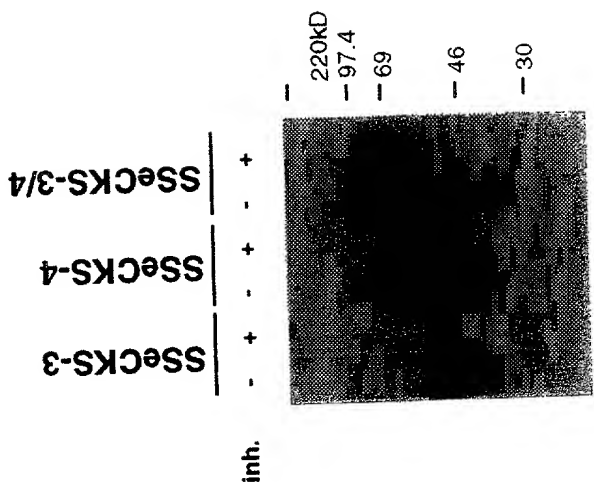


FIG.18B

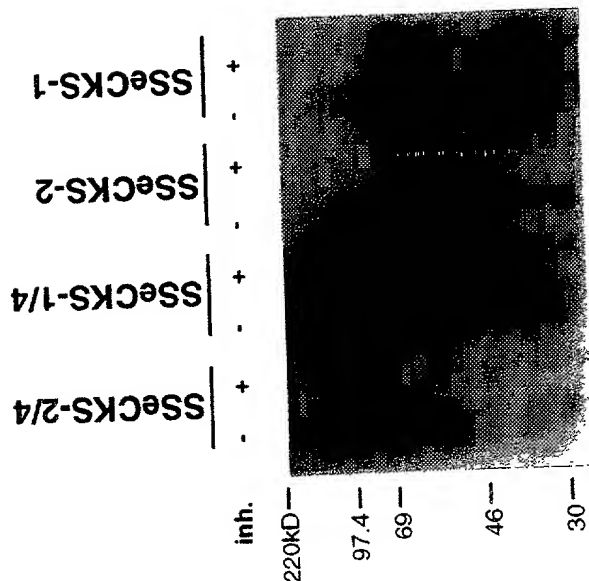
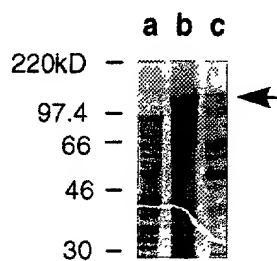


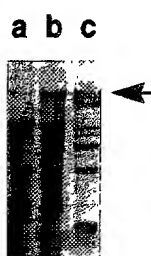
FIG.18A

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SSeCKS-2/4

FIG.18C



SSeCKS-1/4

FIG.18D



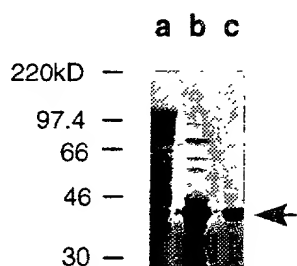
SSeCKS-2

FIG.18E



SSeCKS-1

FIG.18F



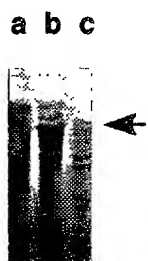
SSeCKS-3

FIG.18G



SSeCKS-4

FIG.18H



SSeCKS-3/4

FIG.18I

(40 of 90)

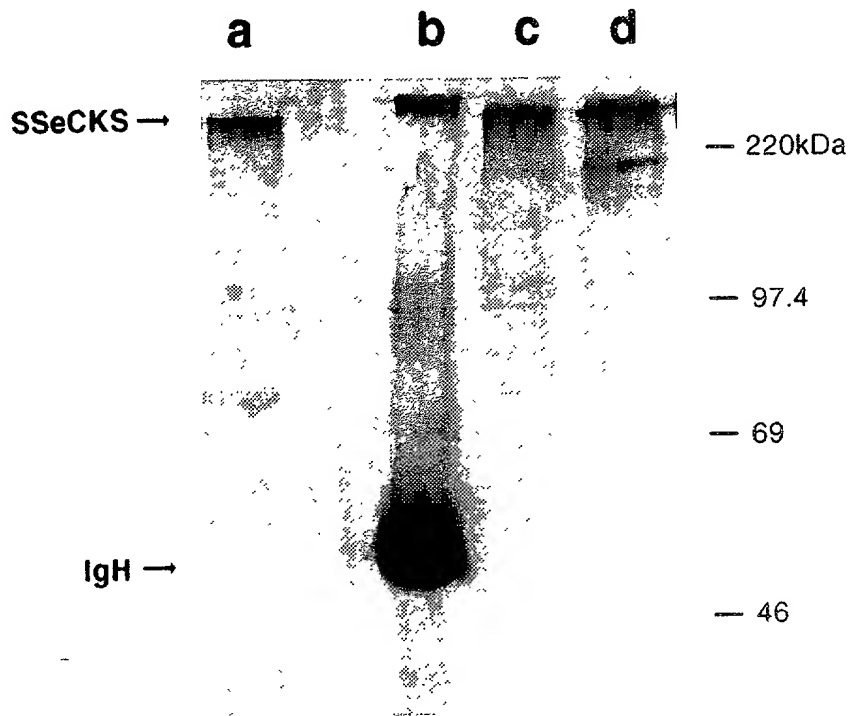


FIG.19

20201022 140300

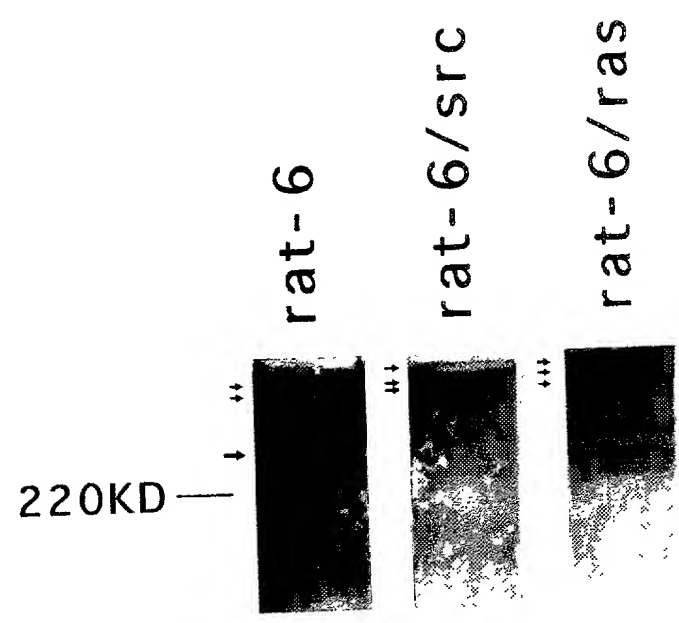


FIG.20

(42 of 90)



FIG. 21A

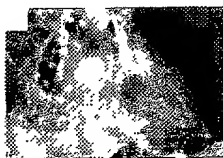


FIG. 21B



FIG. 21C



FIG. 21D



FIG. 21E



FIG. 21F



FIG. 21G



FIG. 21H



FIG. 21I



FIG. 21J

203040" 2E420660

(43 of 90)

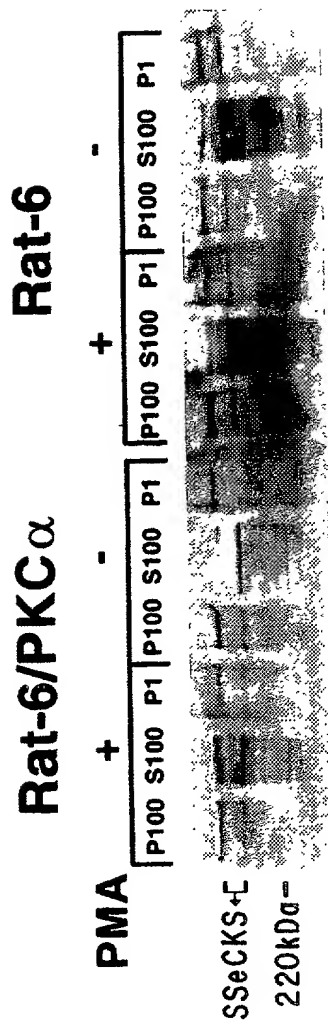


FIG.22

(44 of 90)

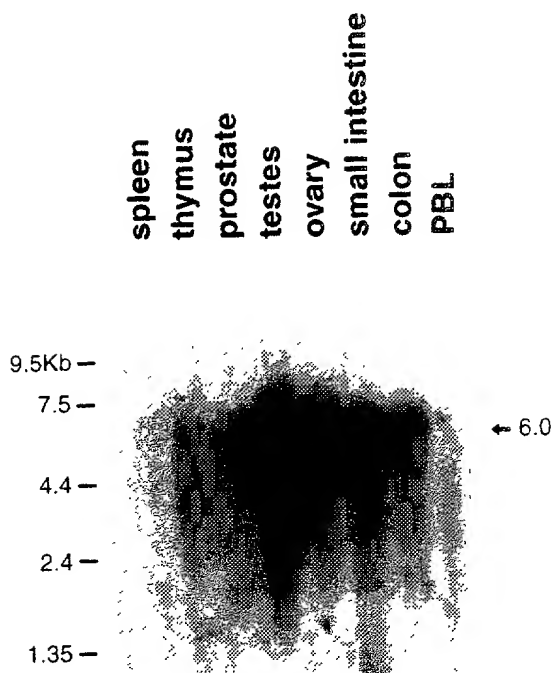


FIG.23A

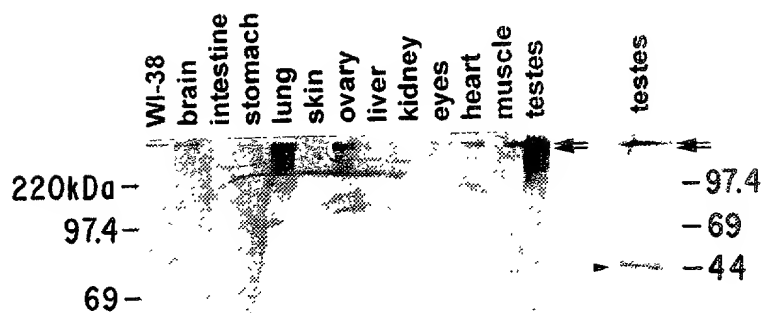


FIG.23B

208040" 26420660

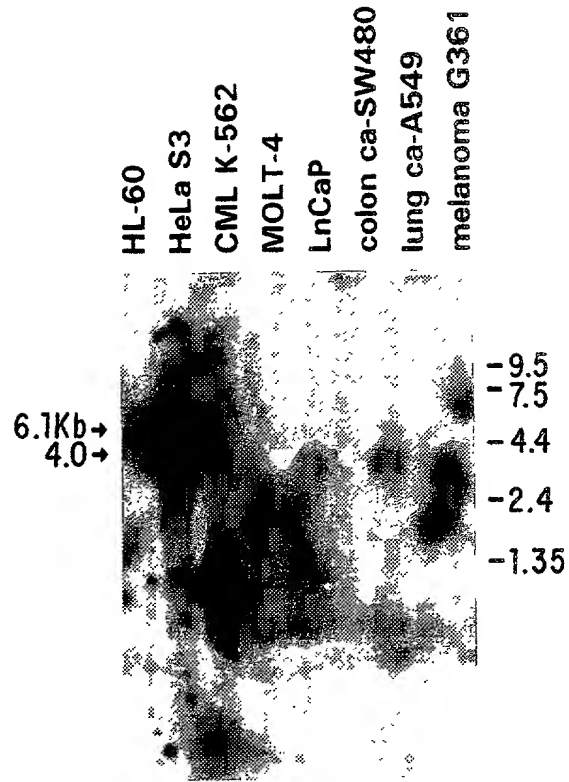


FIG.24

(46 of 90)

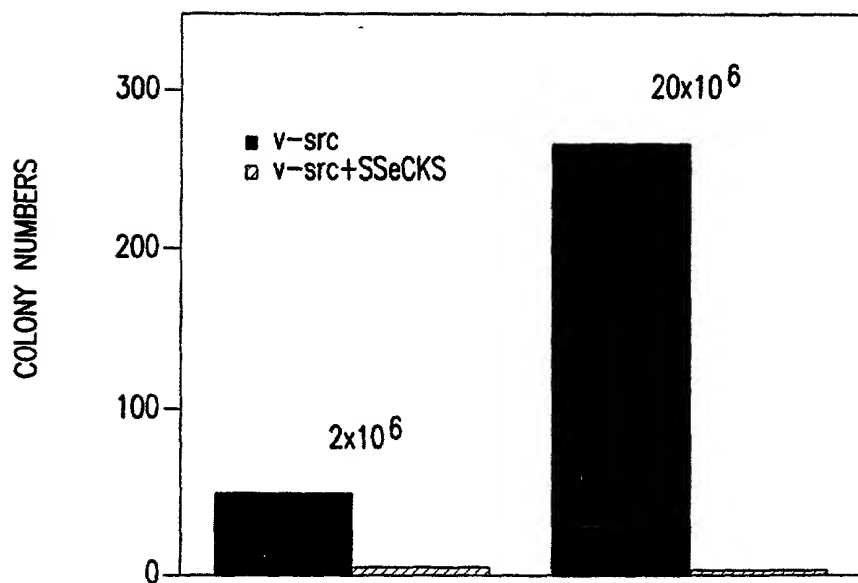


FIG.25A

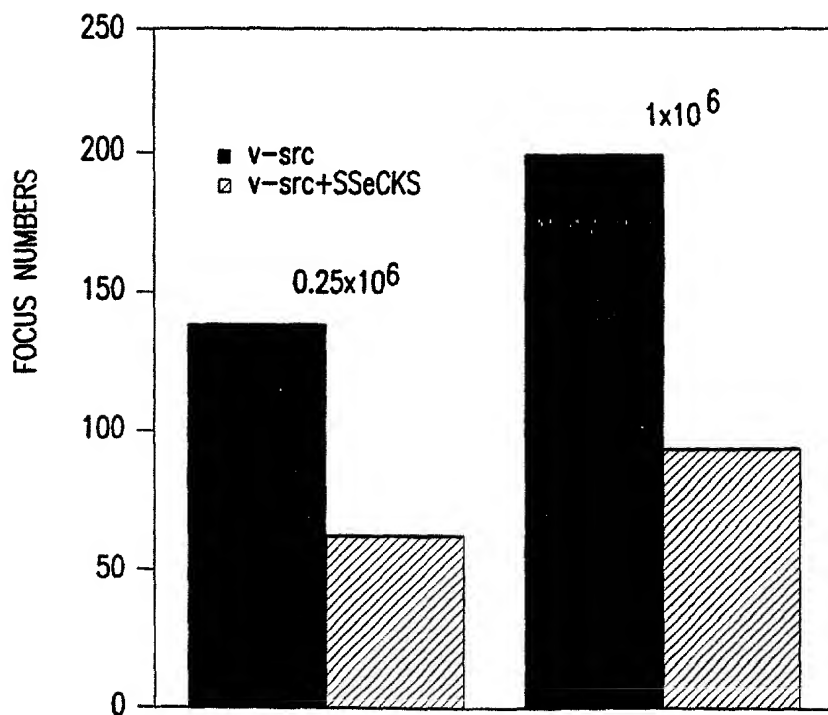


FIG.25B

(47 of 90)

		<u>Myr.</u>	<u>Pal.</u>
src	MGSSKSKPKD	+	-
yes	MGCIKSKEDK	+	+
SSeCKS	MGAGSSTEQR	+	?
G α t1	MGAGASAE EK	+	-
G α i1	MGCTLSAEDK	+	+
GAP-43	MLCCMRRTKQ	-	+
MYRIST. CONSENSUS: MGXXX ^S _T			

FIG.26

202040" 22420660

(48 of 90)

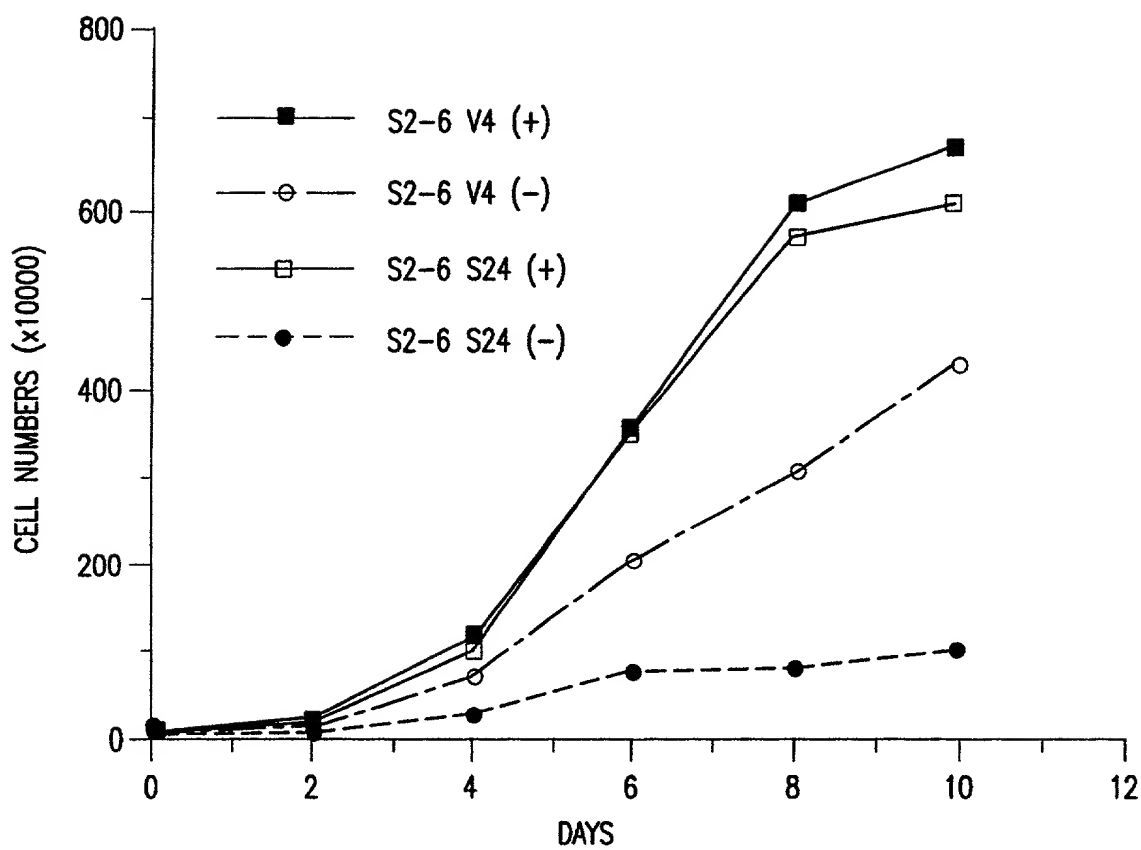


FIG.27

(49 of 90)

Tet + -



-220kDa

FIG.28

2025040" 24420660

(50 of 90)

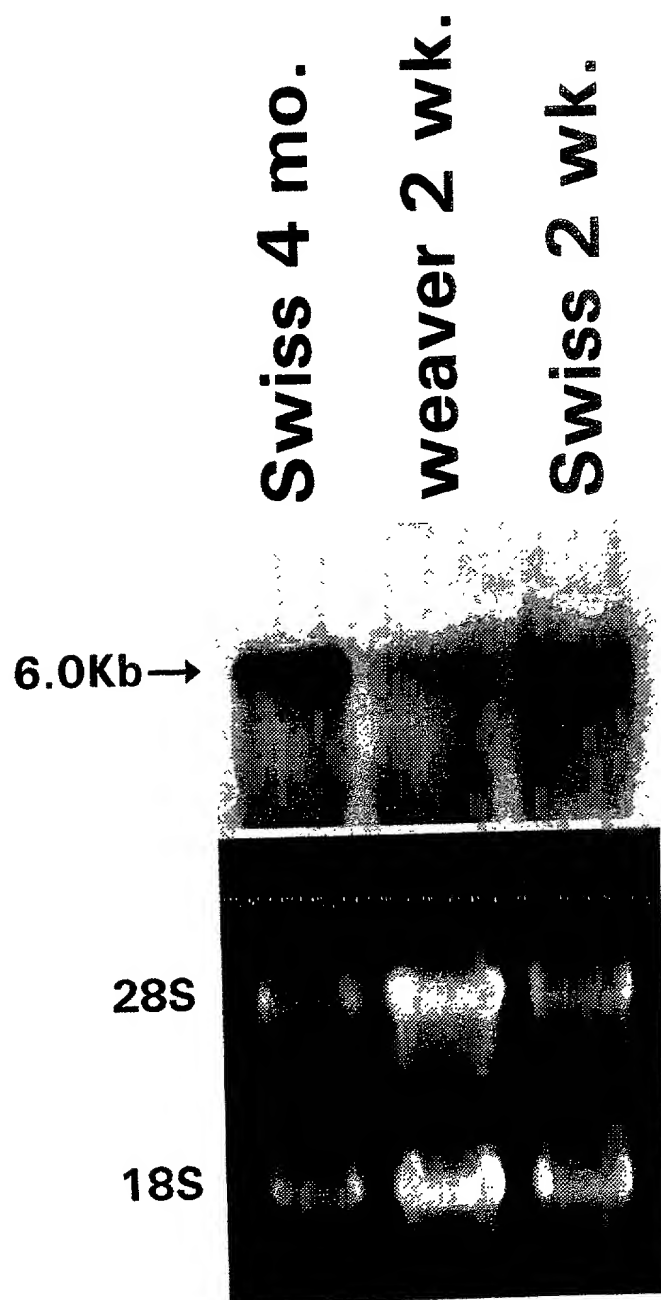


FIG.29

(51 of 90)



FIG.30A



FIG.30B

202040" 25420660



FIG.30C

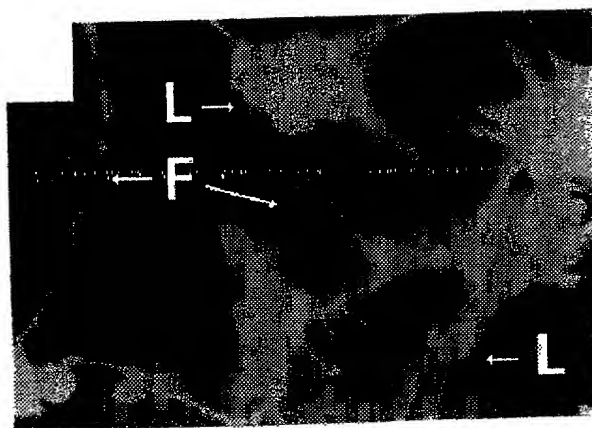


FIG.30D

208040 2E420660

(53 of 90)



FIG.31A



FIG.31B

202010 22420660

(54 of 90)

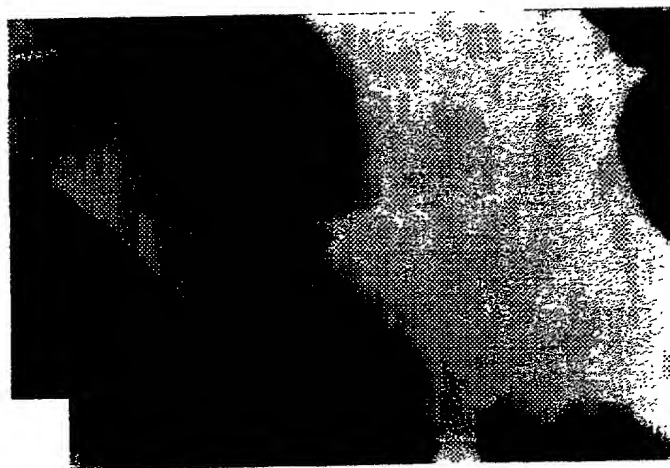


FIG.31C

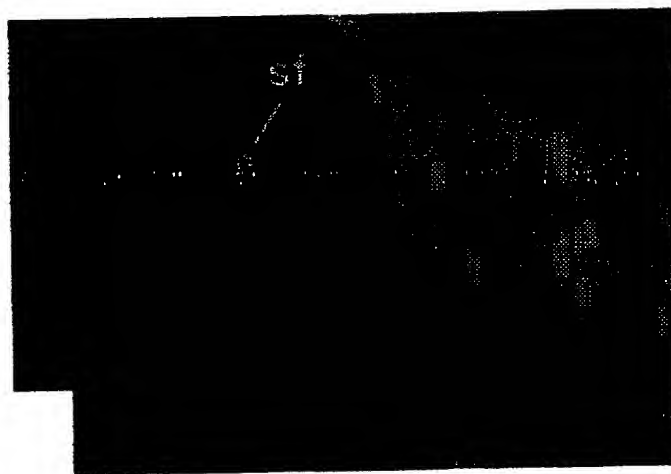


FIG.31D

208040" 3E720659

202040" 25120660

(55 of 90)



FIG.32A

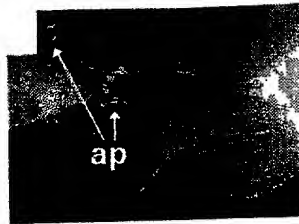


FIG.32B



FIG.32C

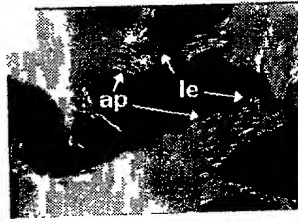


FIG.32D



FIG.32E

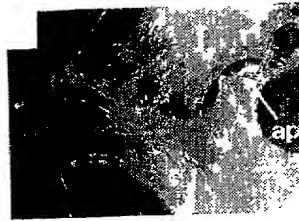


FIG.32F

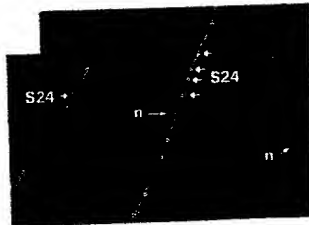


FIG.32G

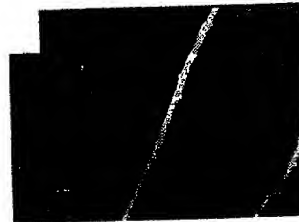


FIG.32H

(56 of 90)

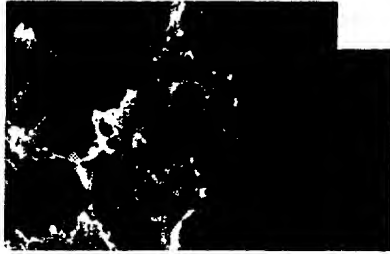


FIG. 33A



FIG. 33B



FIG. 33C



FIG. 33D



FIG. 33E

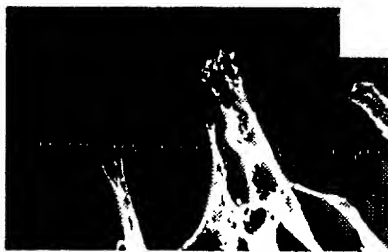


FIG. 33F



FIG. 33G



FIG. 33H

202040" 2E120660

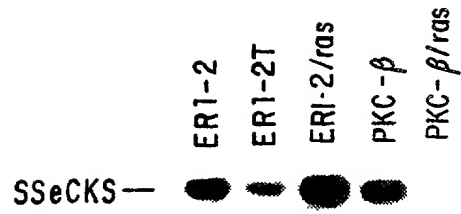


FIG.34

(58 of 90)

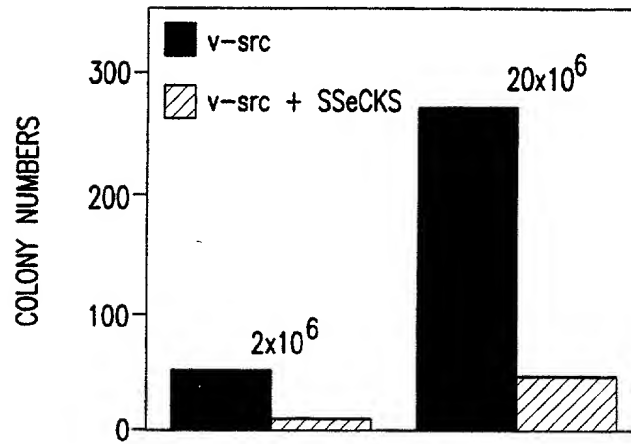


FIG.35A

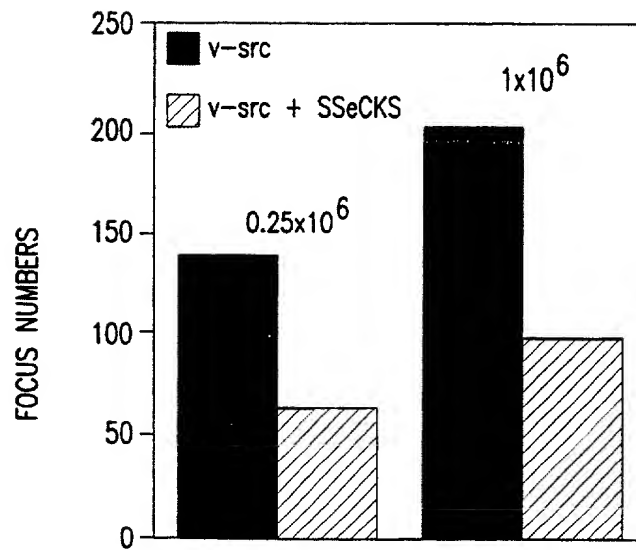
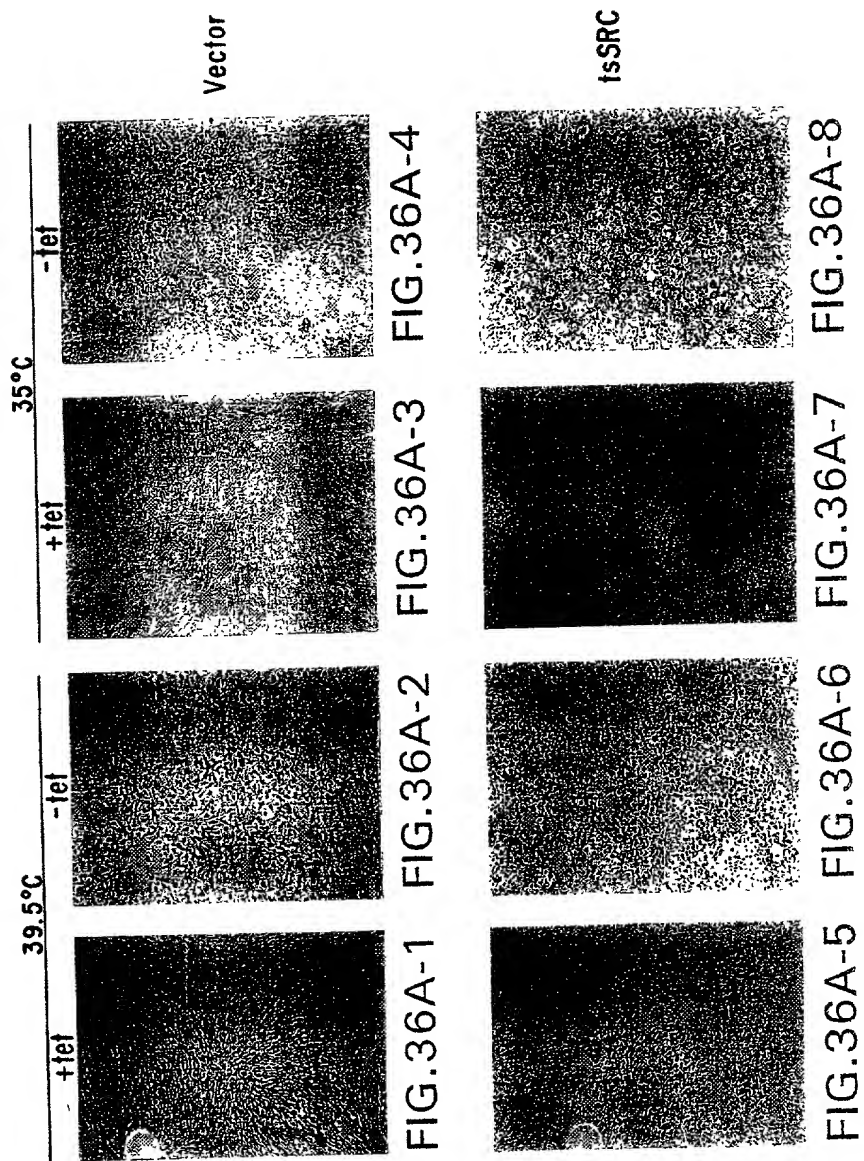


FIG.35B

(59 of 90)



(60 of 90)

35°C

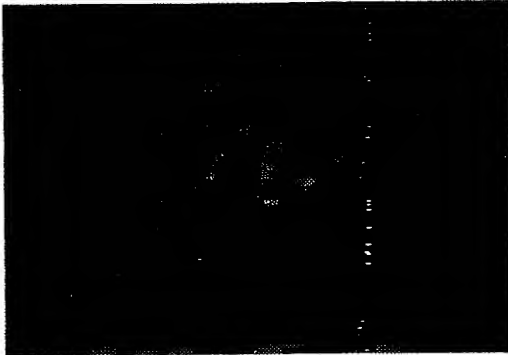


FIG.36B-1

39.5°C

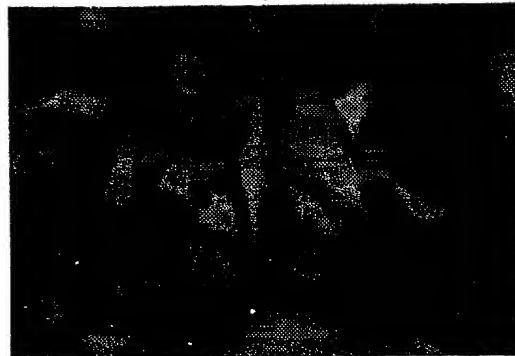


FIG.36B-2

+tet



FIG.36B-3



FIG.36B-4

-tet

208040-22420660

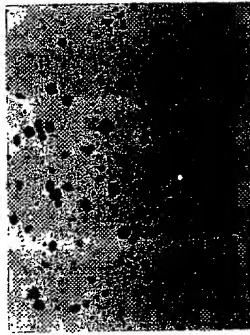


FIG.37A-1



FIG.37A-2

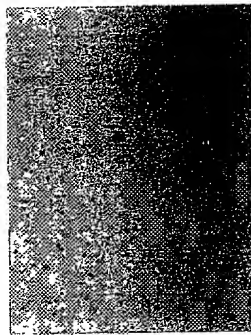


FIG.37A-3



FIG.37A-4

(62 of 90)

SOFT AGAR COLONY FORMATION						
	ts src1	ts src2	ts src3	ts src4	pLJ2	pLJ3
+ tet	2160	1640	2800	1080	0	0
- tet	60	60	110	35	0	0

FIG.37B

2025-10-10 14:20:56

(63 of 90)

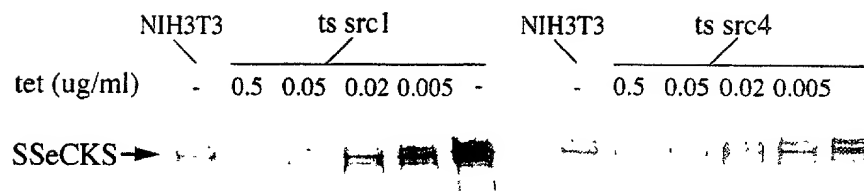


FIG.38A

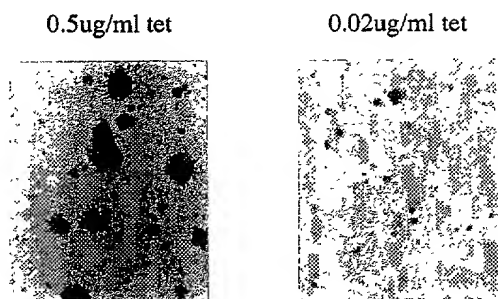


FIG.38C-1

FIG.38C-2

2003040" 26420660

208040" 3E420660

(64 of 90)

SOFT AGAR COLONY FORMATION					
	35°C				39°C
tet(ug/ml)	0.5	0.05	0.02	0.005	0
ts src1	2852	2464	174	51	22
ts src4	1463	743	67	11	0

FIG.38B

(65 of 90)

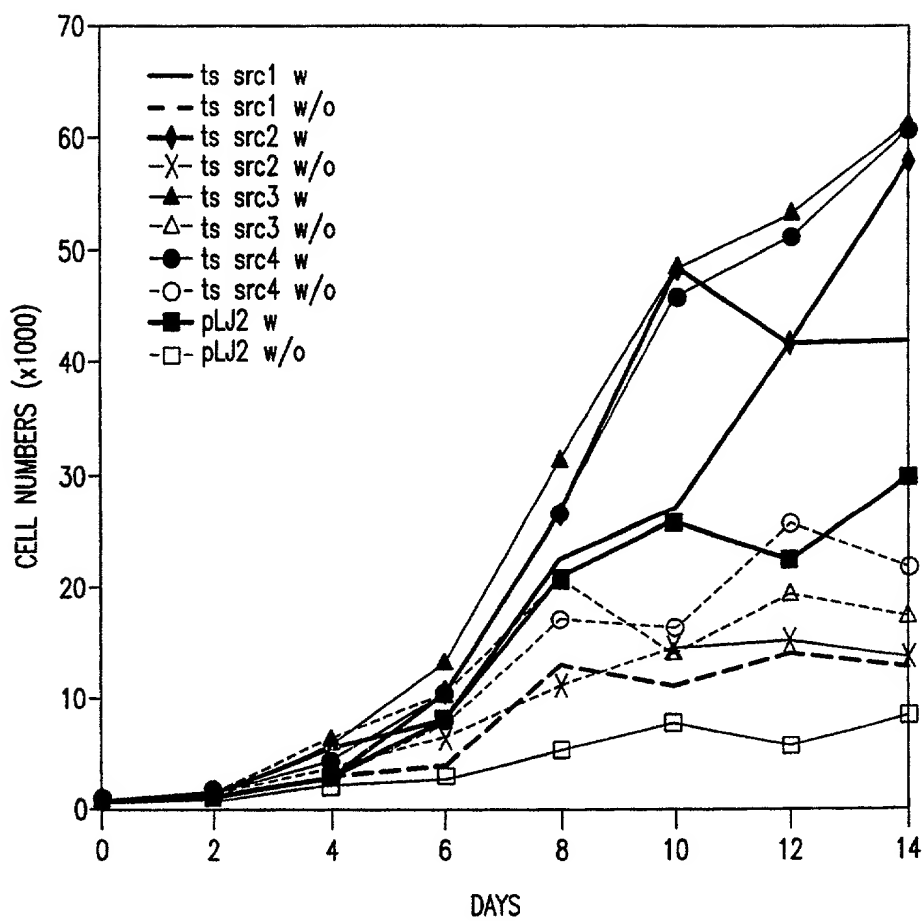


FIG.39A

(66 of 90)

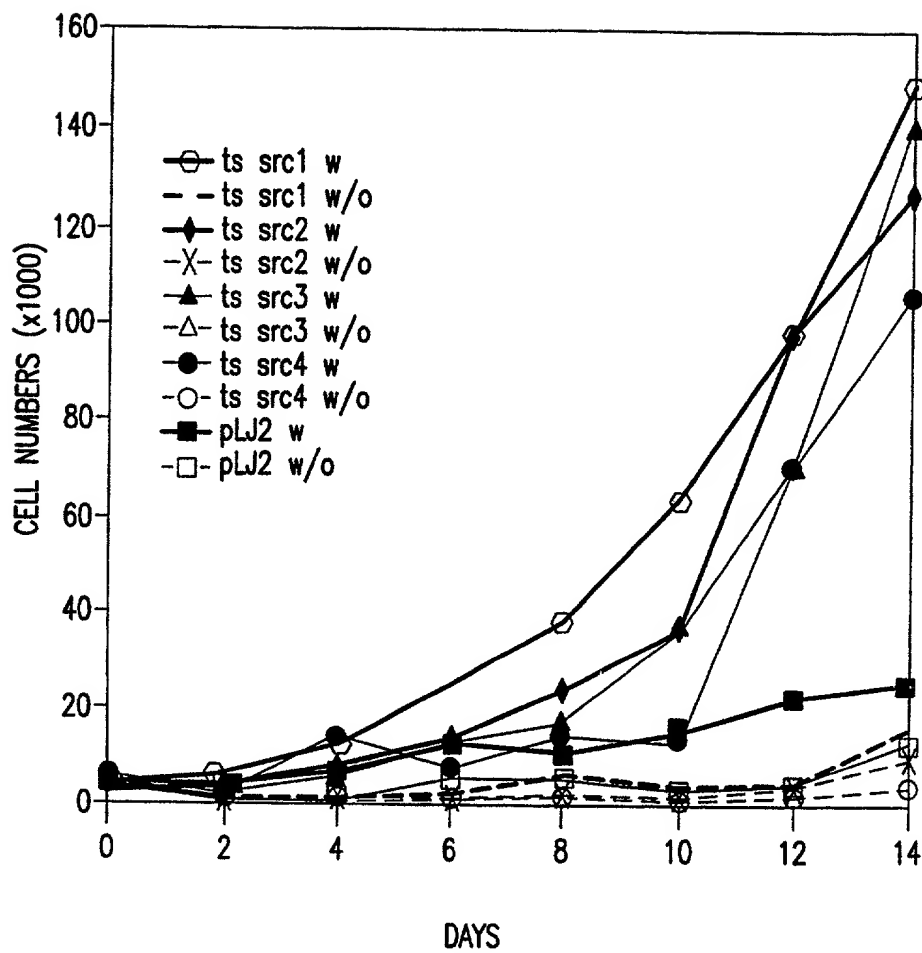


FIG.39B

(67 of 90)

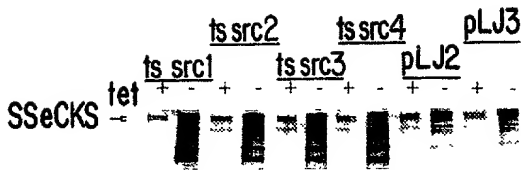


FIG.40A

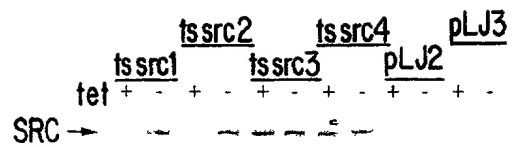


FIG.40B

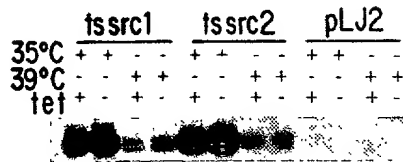


FIG.40C-1

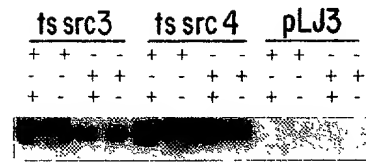


FIG.40C-2

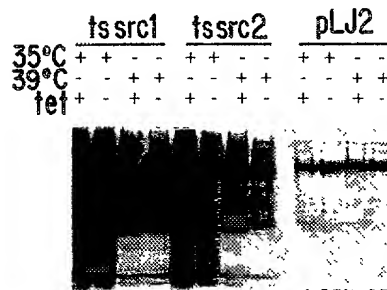


FIG.40D-1



FIG.40D-2

2025040" 22:42:06.60

(68 of 90)

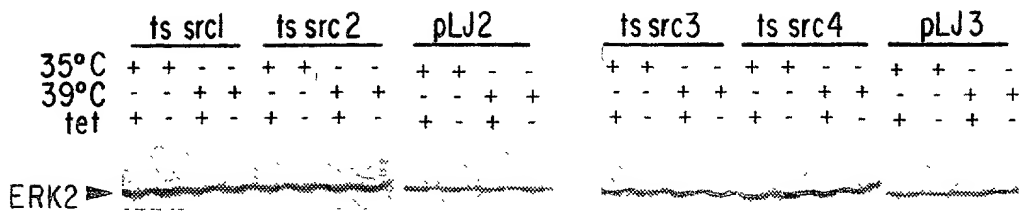


FIG.41A-1

FIG.41A-2

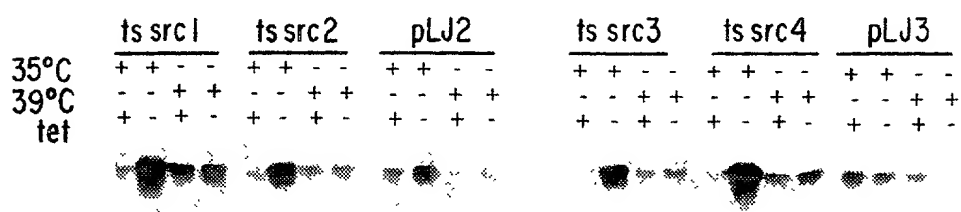


FIG.41B-1

FIG.41B-2

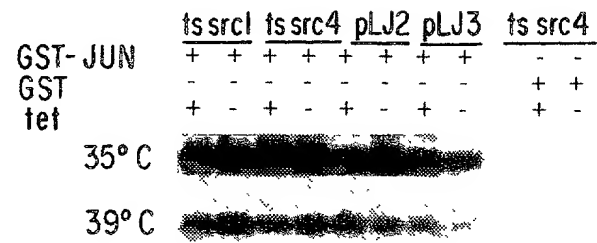


FIG.41C

200040" 2E+20660

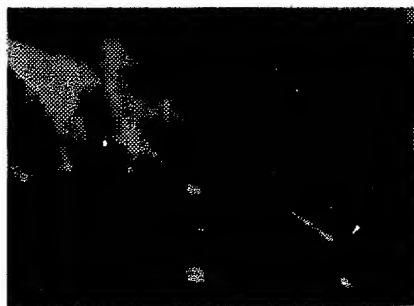
(69 of 90)

SSeCKS



FIG.42A-1

Vinculin



35°C
+tet

FIG.42A-2

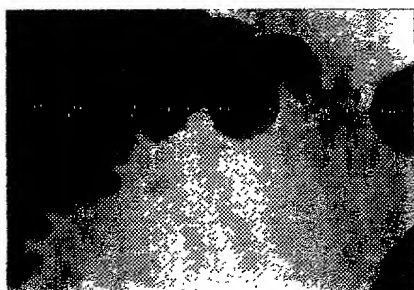
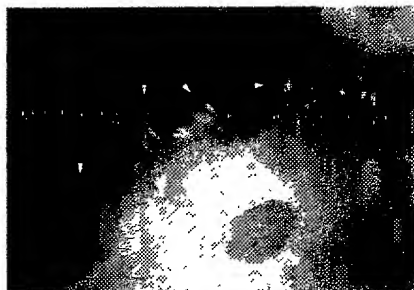


FIG.42A-3



35°C
-tet

FIG.42A-4

208040" 22120660

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SSeCKS



FIG.42A-5

Vinculin

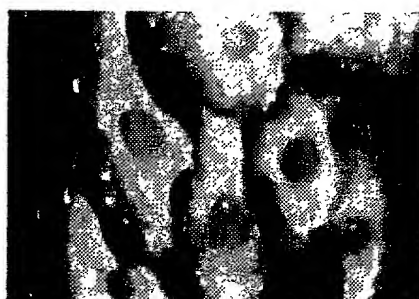


FIG.42A-6

39.5°C
+tet



FIG.42A-7

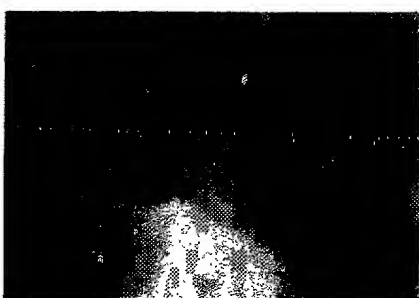


FIG.42A-8

39.5°C
-tet

208040" 2E420660

(710 f 90)

SSeCKS



FIG.42B-1

Phalloidin



FIG.42B-2

35°C
+tet

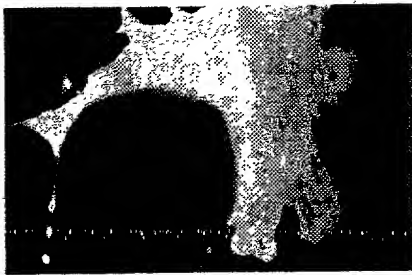


FIG.42B-3

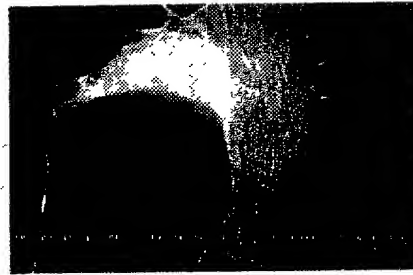


FIG.42B-4

35°C
-tet

208040" 2E420650

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SSeCKS

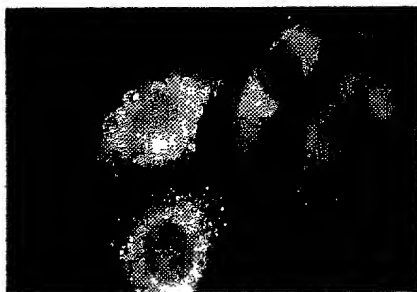


FIG.42B-5

Phalloidin

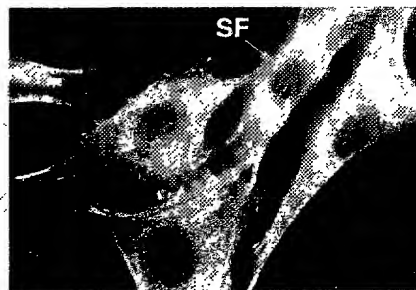


FIG.42B-6

39.5°C
+ tet

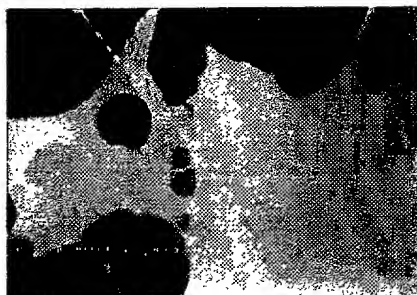


FIG.42B-7

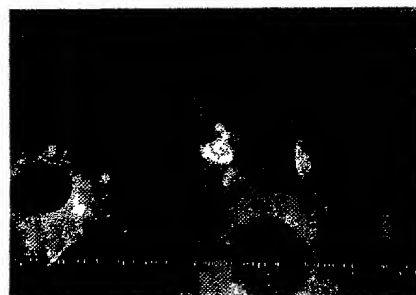


FIG.42B-8

39.5°C
-tet

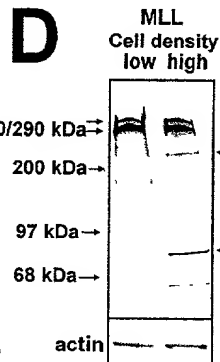
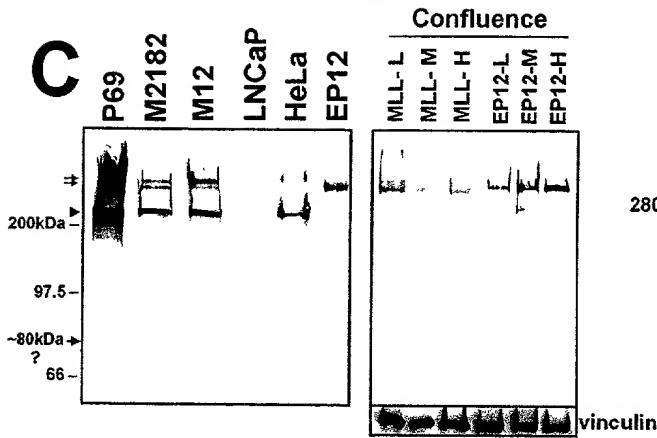
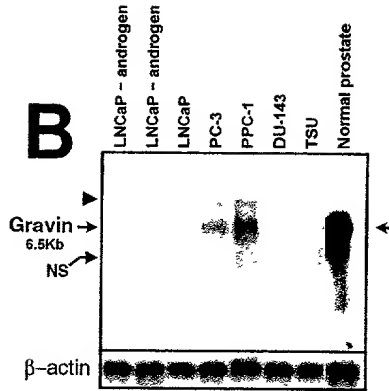
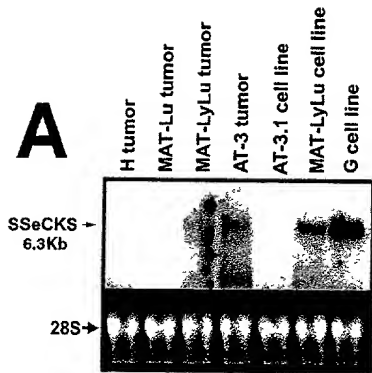
202040" 25+20660

Figure 43

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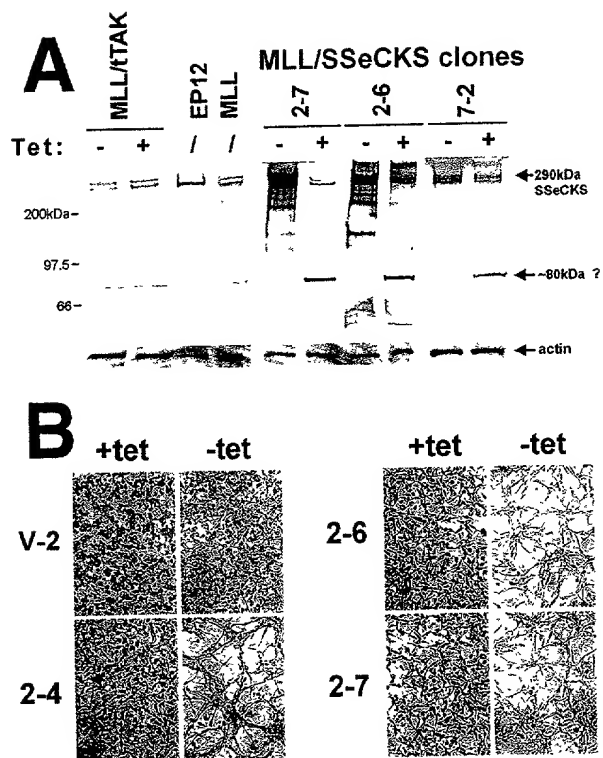


(74 of 90)



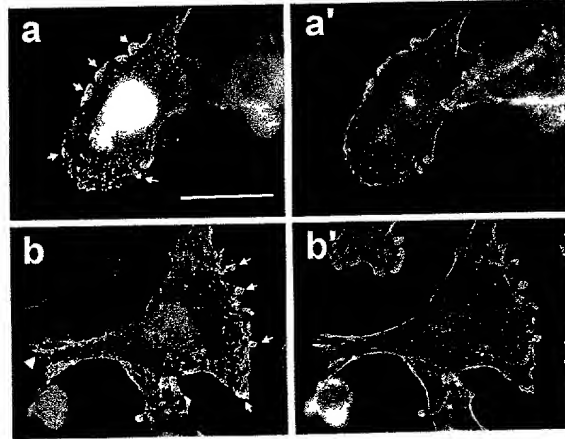
202040" 2E+20660

Figure 45
(75 of 90)

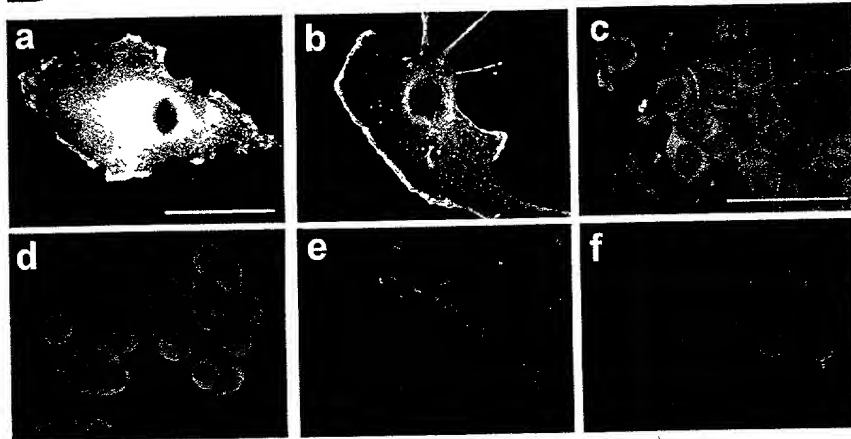




A

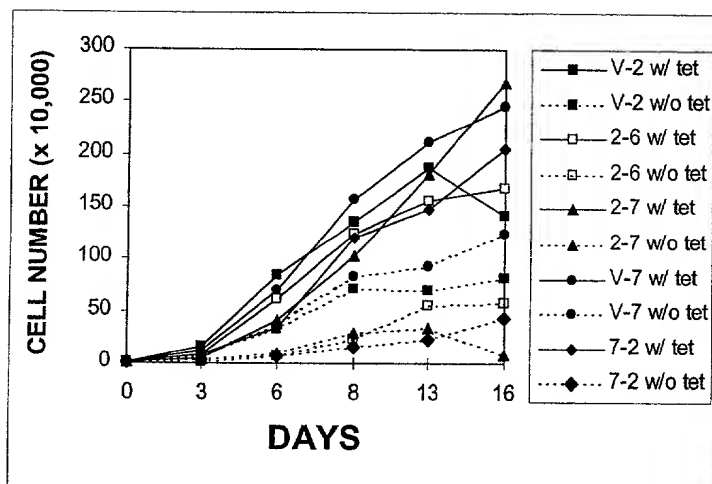


B

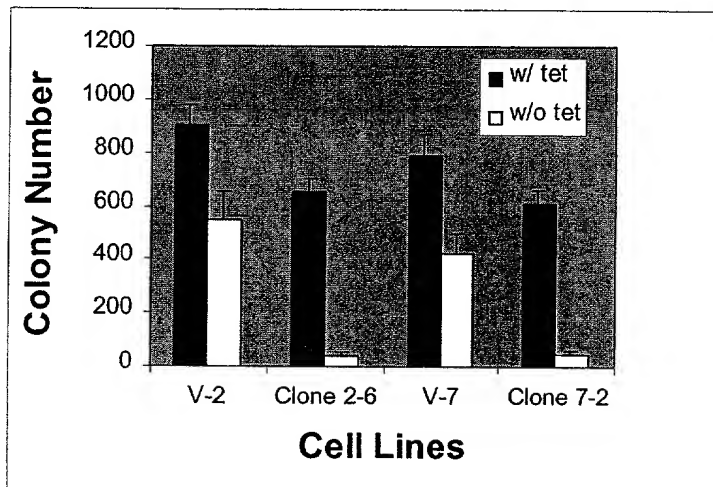


(77 of 90)

A



B



C

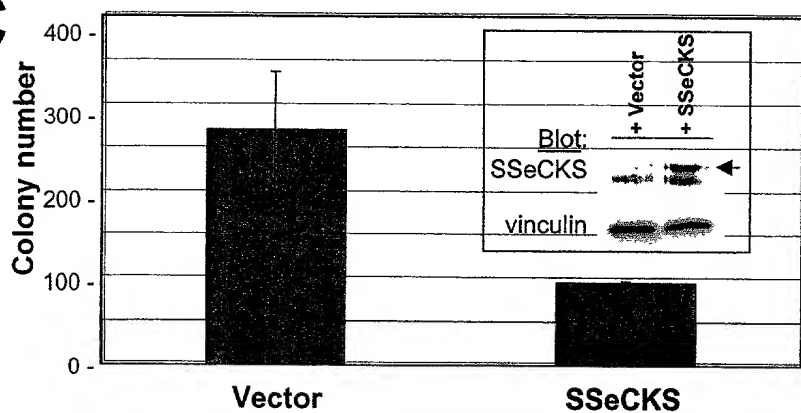


Fig. 47

(78 of 90)

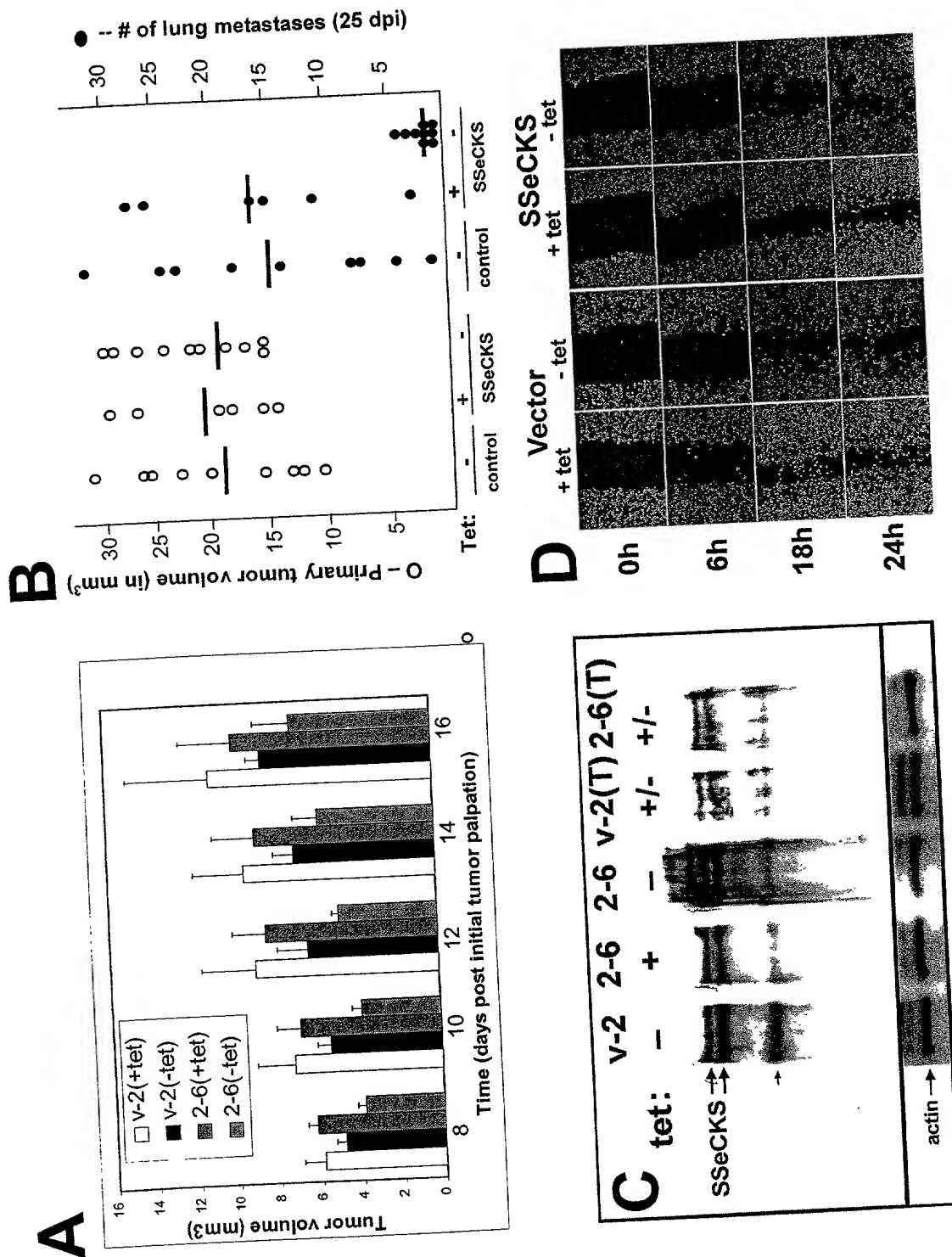


Fig. 48

(79 of 90)

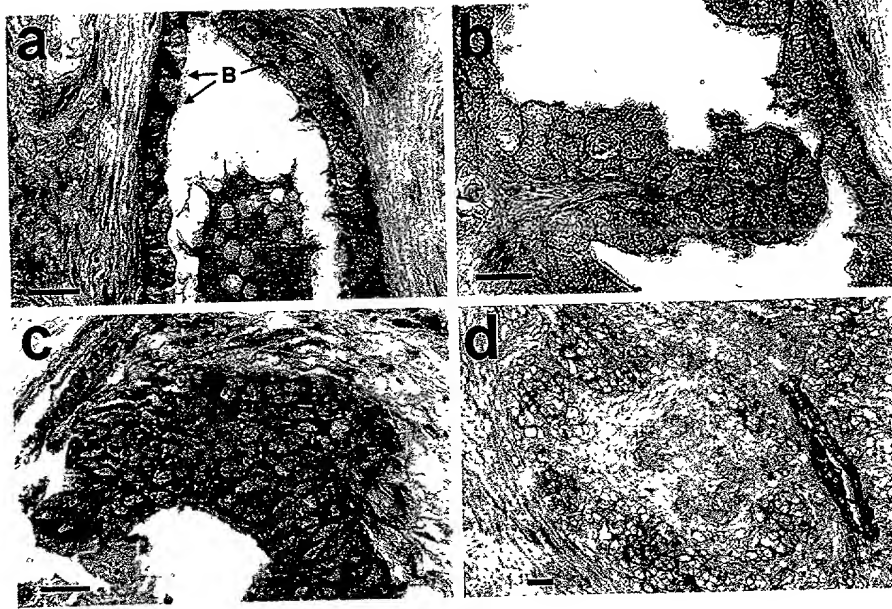


Fig. 49

202040" 22720660

(80 of 90)

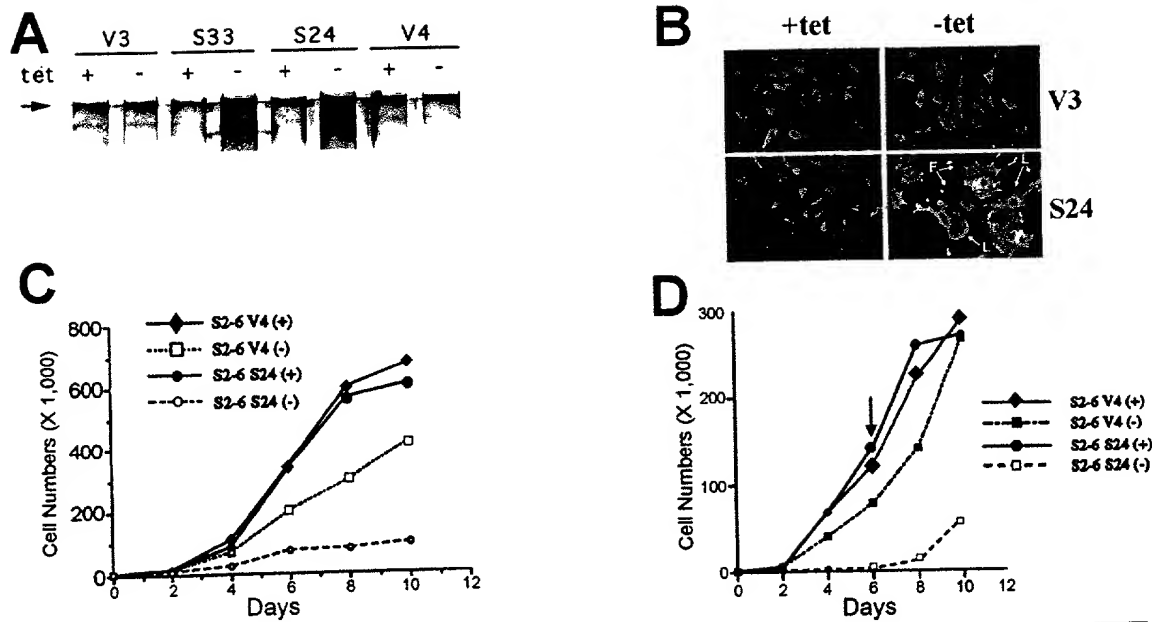


Figure 50



2009040" 26420660

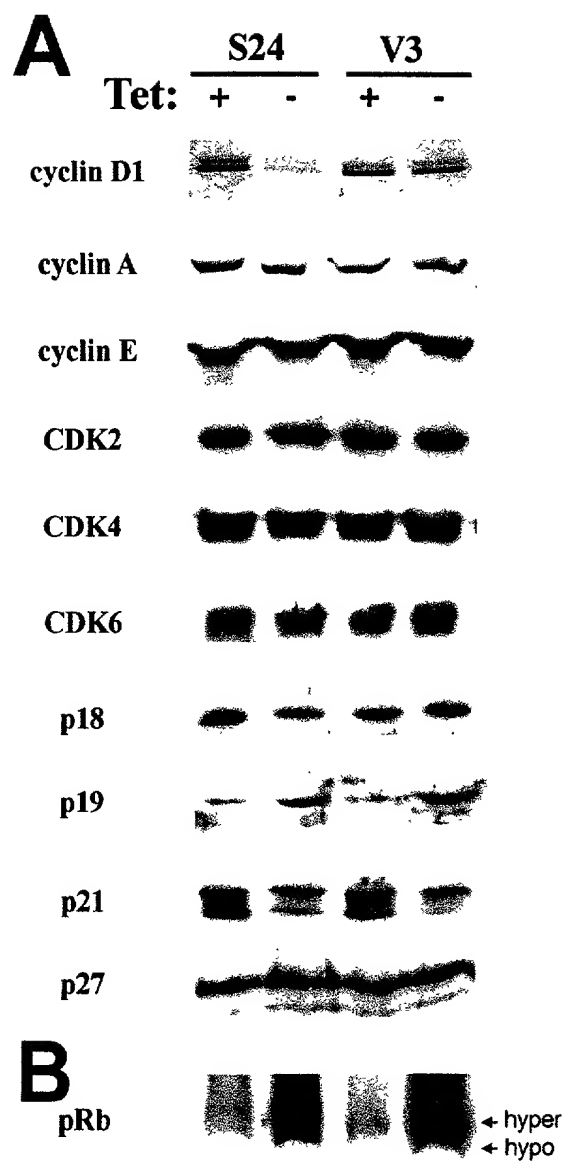


Figure 51

FM
(82 of 90)

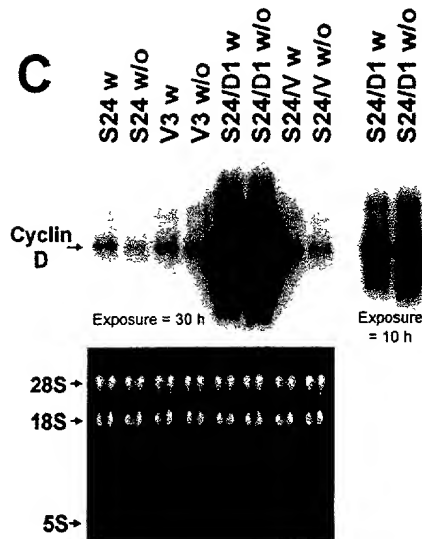
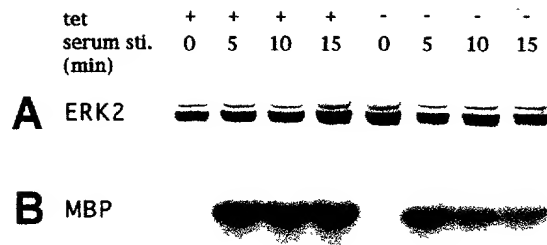


Figure 52

(83 of 90)

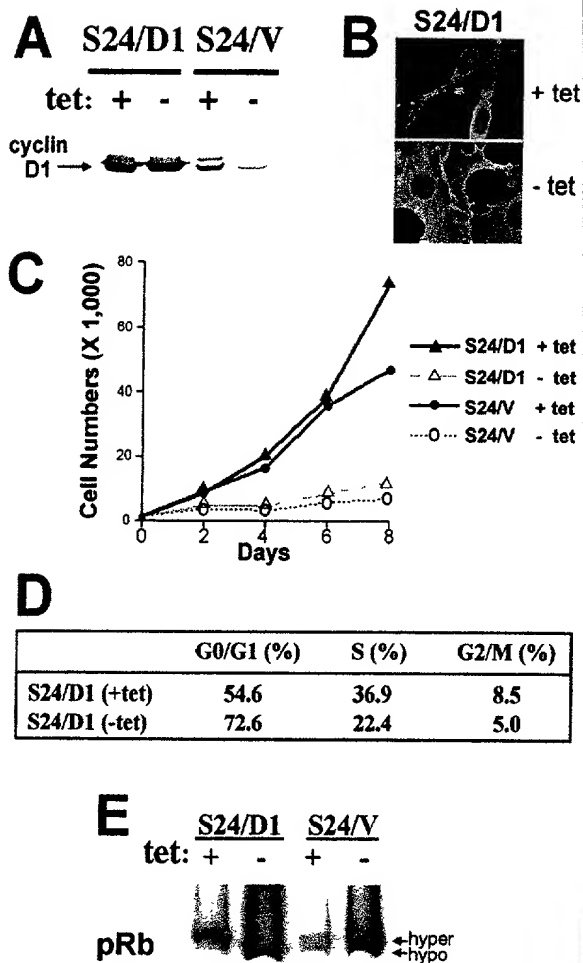


Figure 53

2003-10-23 14:00:00

SSeCKS ⁴⁶⁸SPEEKTLPKHPEGIVSEVM LSSQERIK₄₉₆
|| ||: |||||::| ||| ||::
Newt pRb ⁷⁶⁰SP.LKSPYKHPEGLLSPTKM - (27 a.a.) - LSSSERLR₈₃₄

Figure 54

(85 of 90)

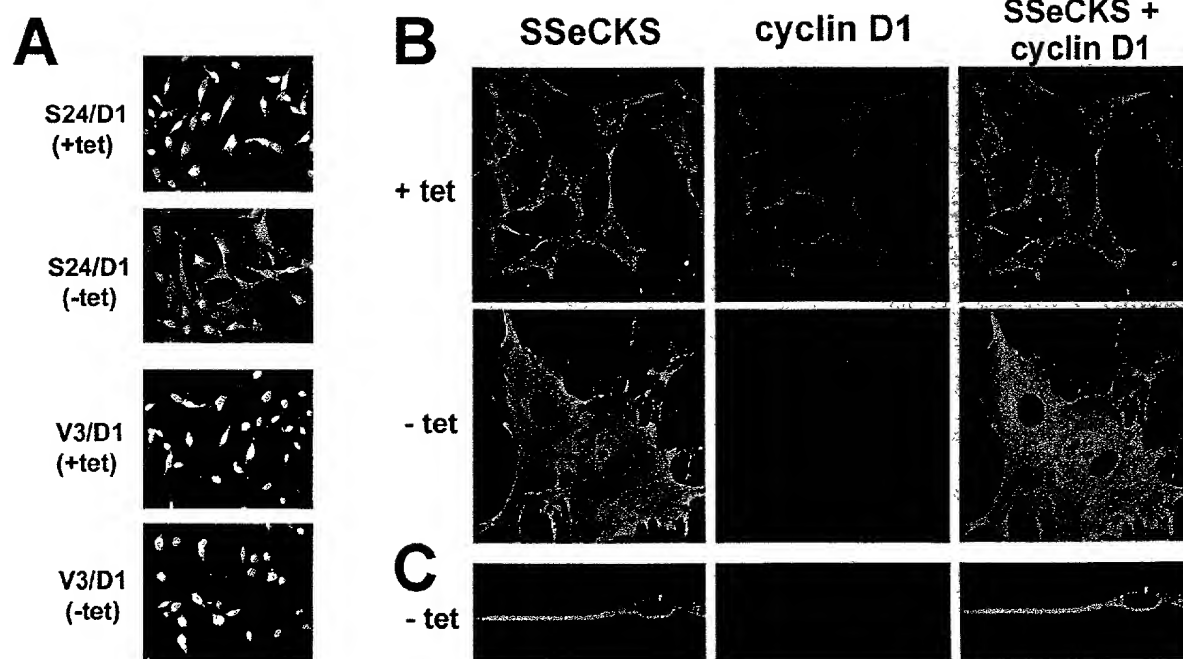


Figure 55

This fluorescence micrograph shows a cell with a bright, circular nucleus on the left and a bright, elongated Golgi apparatus in the center. The cytoplasm is dimly visible against a dark background.

Variable	Mean	SD	Min	Max
Age	34.5	10.2	22	55
Gender	Male	Female		
Marital status	Married	Single		
Education	High school	College		
Occupation	Manager	Worker		
Income	Low	High		
Health status	Good	Poor		
Stress level	Low	High		
Life satisfaction	Low	High		
Depression	Low	High		
Loneliness	Low	High		
Self-esteem	Low	High		
Resilience	Low	High		
Optimism	Low	High		
Gratitude	Low	High		
Forgiveness	Low	High		
Empathy	Low	High		
Compassion	Low	High		
Kindness	Low	High		
Generosity	Low	High		
Patience	Low	High		
Perseverance	Low	High		
Endurance	Low	High		
Stamina	Low	High		
Strength	Low	High		
Power	Low	High		
Influence	Low	High		
Authority	Low	High		
Leadership	Low	High		
Management	Low	High		
Organization	Low	High		
Planning	Low	High		
Execution	Low	High		
Completion	Low	High		
Success	Low	High		
Triumph	Low	High		
Victory	Low	High		
Conquest	Low	High		
Domination	Low	High		
Control	Low	High		
Command	Low	High		
Direction	Low	High		
Guidance	Low	High		
Instruction	Low	High		
Teaching	Low	High		
Learning	Low	High		
Knowledge	Low	High		
Wisdom	Low	High		
Understanding	Low	High		
Insight	Low	High		
Intuition	Low	High		
Sensing	Low	High		
Feeling	Low	High		
Thinking	Low	High		
Doing	Low	High		
Being	Low	High		
Having	Low	High		
Experiencing	Low	High		
Enjoying	Low	High		
Appreciating	Low	High		
Valuing	Low	High		
Respecting	Low	High		
Honoring	Low	High		
Reverencing	Low	High		
Admiring	Low	High		
Idolizing	Low	High		
Worshipping	Low	High		
Believing	Low	High		
Trusting	Low	High		
Faithing	Low	High		
Hopeing	Low	High		
Expecting	Low	High		
Anticipating	Low	High		
Waiting	Low	High		
Enduring	Low	High		
Persevering	Low	High		
Striving	Low	High		
Exerting	Low	High		
Efforting	Low	High		
Working	Low	High		
Doing	Low	High		
Making	Low	High		
Creating	Low	High		
Inventing	Low	High		
Discovering	Low	High		
Exploring	Low	High		
Investigating	Low	High		
Researching	Low	High		
Studying	Low	High		
Learning	Low	High		
Teaching	Low	High		
Guiding	Low	High		
Directing	Low	High		
Managing	Low	High		
Organizing	Low	High		
Planning	Low	High		
Executing	Low	High		
Completing	Low	High		
Finishing	Low	High		
Ending	Low	High		
Closing	Low	High		
Stopping	Low	High		
Pausing	Low	High		
Resting	Low	High	</	

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Figure 57
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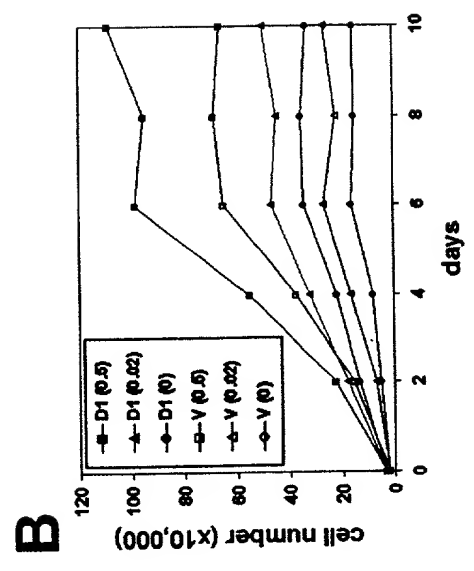
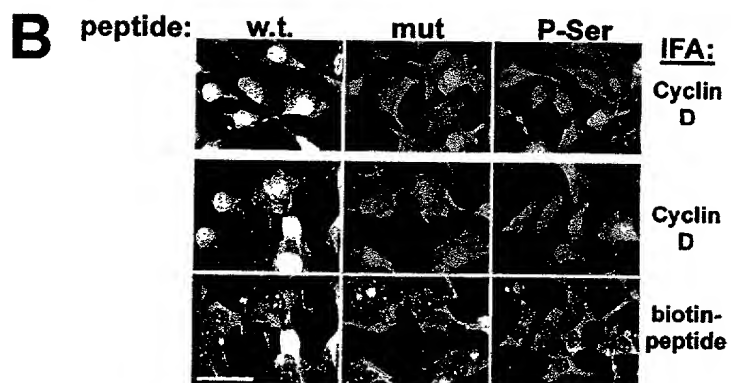
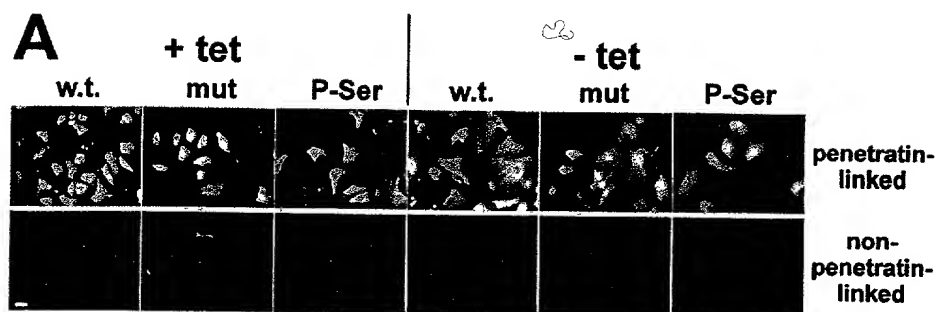


Figure 58
(88 of 90)



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Figure 59
(89 of 90)

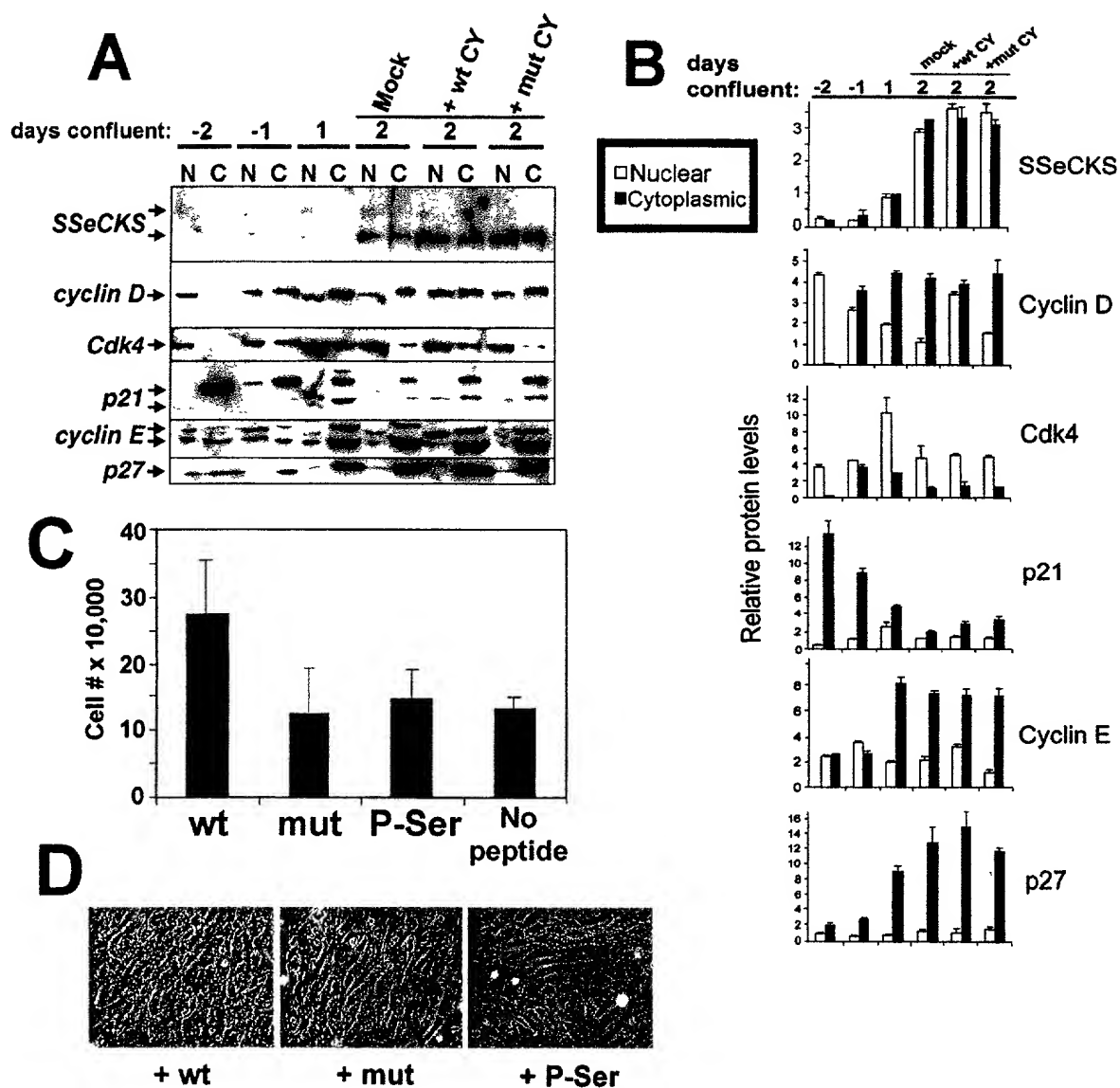


Figure 60
(90 of 90)

